



44° 41' 13" N
11° 20' 17" E

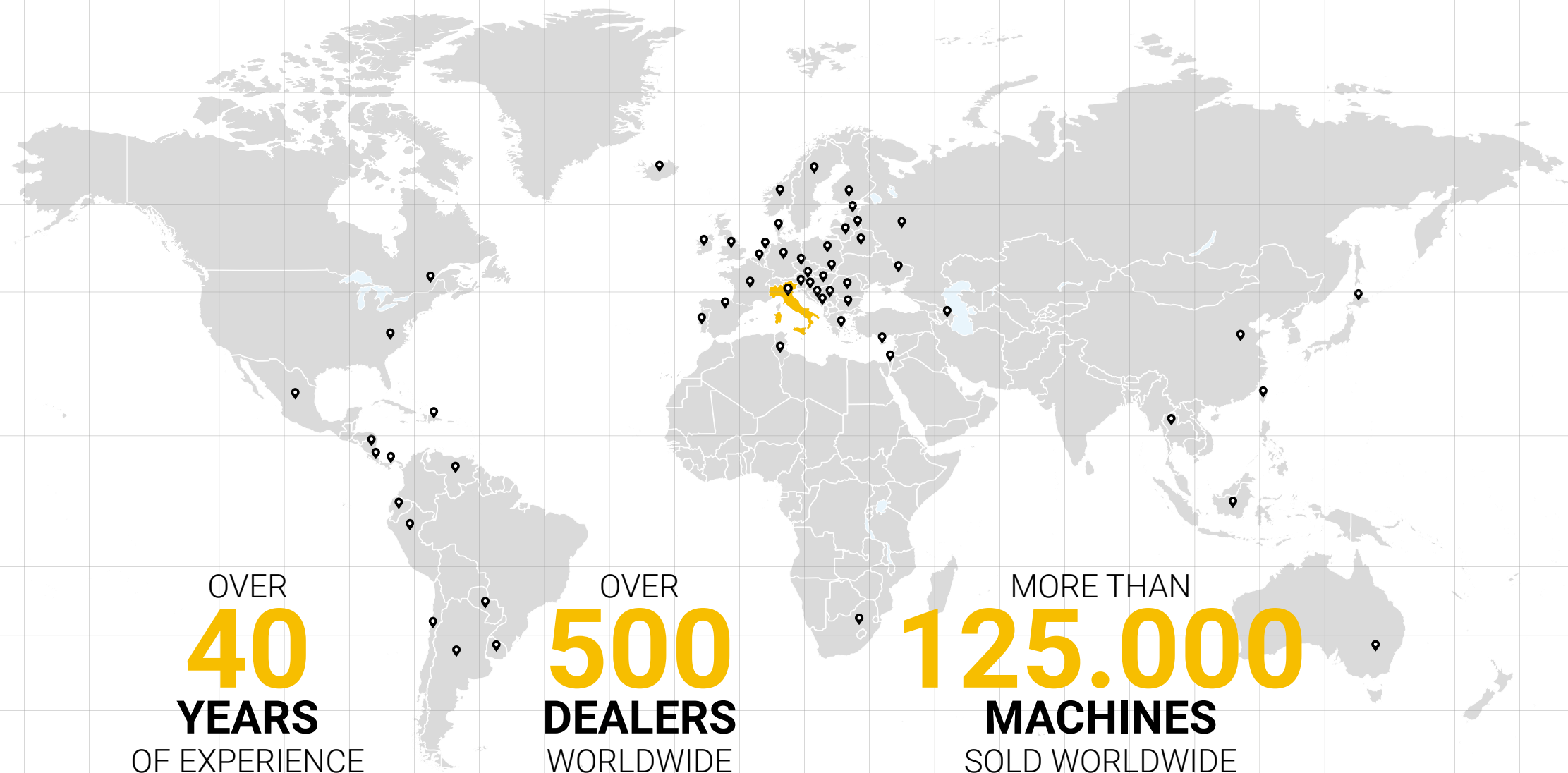


**FOR TRADITION
ONE STEP AHEAD**

SIDE MULCHERS

WWW.ORSIGROUP.IT

OUR DISTRIBUTION WORLD WIDE



OVER
40
YEARS
OF EXPERIENCE

OVER
500
DEALERS
WORLDWIDE

MORE THAN
125.000
MACHINES
SOLD WORLDWIDE

INDEX



| | |
|-------------------------------|----|
| THE ORSI STORY | 05 |
| CONSTANT EVOLUTION | 06 |
| CERTIFICATIONS | 08 |
| ANTICORROSIVE TREATMENT | 09 |
| BENEFITS OF MULCHING | 10 |

SIDE MULCHERS

AGRICULTURAL SERIES

| | |
|--|----|
| ENERGY | 14 |
| YOUNG | 16 |
| NEW YOUNG OFFSET | 18 |
| VULCANIC | 20 |
| NEW VULCANIC OFFSET | 22 |
| COMPETITION GS | 24 |
| COMPETITION GS OFFSET | 26 |
| NEW COMPETITION GS OFFSET FRONTAL | 28 |
| PRIMATIST GS | 30 |
| PRIMATIST GS OFFSET | 32 |
| PRIMATIST PLUS GS | 34 |
| PRIMATIST PLUS GS OFFSET | 36 |

PROFESSIONAL SERIES

| | |
|---|----|
| MAGNUM PLUS GS | 38 |
| MAGNUM PLUS GS OFFSET | 40 |
| NEW MAGNUM PLUS OFFSET FRONTAL | 42 |
| PREDATOR | 44 |

| | |
|-----------------|----|
| WHY ORSI? | 46 |
|-----------------|----|



USE ORIGINAL ORSI SPARES PARTS AND
GUARANTEE A LONG LIFE FOR YOUR
MACHINE.



THE ORSI STORY

ORSI, THE BRAND THAT MANUFACTURES HIGH-TECH 100% MADE IN ITALY, GRASS CUTTING MACHINES. USING THE CONCEPT OF TRADITION OF THE HISTORY OF ITALIAN MANUFACTURING DESIGN ESPECIALLY IN THE BOLOGNA AREA.

ORSI factories smell of history and tradition, but always thinking about continuous innovation and preserving their identity over time.

From this union was born *in 1979* from the idea of a young Stefano Orsi, the manufacturing of agricultural machinery. A young entrepreneur who immediately focused on building innovative machines for those years whilst trying to understand what the farmers of his beloved " Emilia Romagna " region were asking for".

To realize his idea, Orsi started trying to satisfy the concept of Italianness making his machines with care and devotion. Listening to the advice that came from farmers in the area, who were looking for machines that did not exist at that time, hence the first side mulcher. A machine that owes its creation *in 1982* to ORSI!

In 1989 thanks to the continuous growth of the Brand in the Italian market, ORSI began to export to France first, and then quickly expanded to all other European markets.

Today the brand counts with distributors all over the world, always trying with its own philosophy to satisfy the different needs in each very different market.

The atmosphere inside the two production complexes, Grizzana Morandi and Castello d'Argile, both in the province of Bologna, exude enthusiasm in trying to improve continuously the product, trying to innovate its machines with technological and avant-garde solutions.

Many of the mechanical processes are carried out in the first factory, whilst the headquarters with administration and further manufacturing/assembling are located at the second.

Just think of the new "Frontal" side mulcher machine that was launched on the market *in 2020* to meet the needs of many end-users who today can work in perfect comfort and safety having the machine fitted to the front Linkage / PTO of the tractor, an absolute novelty in the market of mulchers.

A total of around 110 people work between the two production complexes.

The sense of Italianness in ORSI is always found in hearing Stefano Orsi say "for us, made in Italy means that Italians should like machines first".

ORSI company is a 'family' that loves their country and never gives up working with dreams and ambition as in 1979.



CONSTANT EVOLUTION

1982



Mediante un sistema autolivellante, non necessitano di un continuo adattamento al terreno e raggiungono un'inclinazione di oltre 70° per un'accurata pulizia di fossi e cunette.

Le nostre trinciatrici si possono usare sia all'interno che all'esterno della carreggiata del trattore, per la pulizia di frutteti, vigneti e cigli di strada.

ORSI
l'esperienza al vostro servizio

CARATTERISTICHE GENERALI

| Modello | Lunghezza di taglio cm | Potenza min. richiesta HP | Potenza max. richiesta HP | Numero coltelli | Vel. presa di terra grv/1' | Velocità rotore grv/1' | Profondità di taglio cm | Peso v |
|----------|------------------------|---------------------------|---------------------------|-----------------|----------------------------|------------------------|-------------------------|--------|
| T 32 S | 105 | 25 | 40 | 32 | 540 | 2430 | 150-160 | 300 |
| T 38 S | 120 | 30 | 45 | 38 | 540 | 2430 | 160-170 | 320 |
| T 42 S | 130 | 30 | 45 | 42 | 540 | 2430 | 170-180 | 325 |
| T 48 S | 160 | 35 | 50 | 48 | 540 | 2100 | 150-160 | 370 |
| T 32 S/L | 105 | 30 | 40 | 32 | 540 | 2430 | 240-260 | 320 |

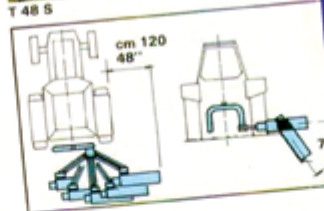
ORSI ANDREA
40050 MASCARINO DI CASTELLO D'ARGILE
(Bologna) ITALY
Via Botteghe, 18 - Tel. 051/974767 - 975431
Telex 5106180 OSV I



T 32 S



T 48 S



**BASTA CON LA FATICA!
RIVOLGITI A ORSI
E RISOLVI MILLE PROBLEMI**



T 48 S CON DOPIO ATTACCO

**ORSI HA CREATO PER TE
UNA VASTA GAMMA DI TRINCIATRICI
PER UNO SVARIATO UTILIZZO**

TODAY



CERTIFICATIONS



CERTIFICATO

Via ...
 ...
 ...

Certificato Sistema di Gestione per la Qualità
ISO 9001:2015

Il presente sistema di gestione per la Qualità è stato certificato
ORSI GROUP S.r.l.

Il sistema di gestione per la Qualità è stato certificato secondo la norma
 ISO 9001:2015.

Presentazione prodotta in base alle norme ISO 9001:2015.
 Presentazione prodotta in base alle norme ISO 9001:2015.

...

Kiwa Cermet S.p.A.
 Società con sede in
 ...
 ...

ORSI GROUP S.r.l.
 Sede Legale
 ...

Sott-Oggetto di Certificazione
 ...



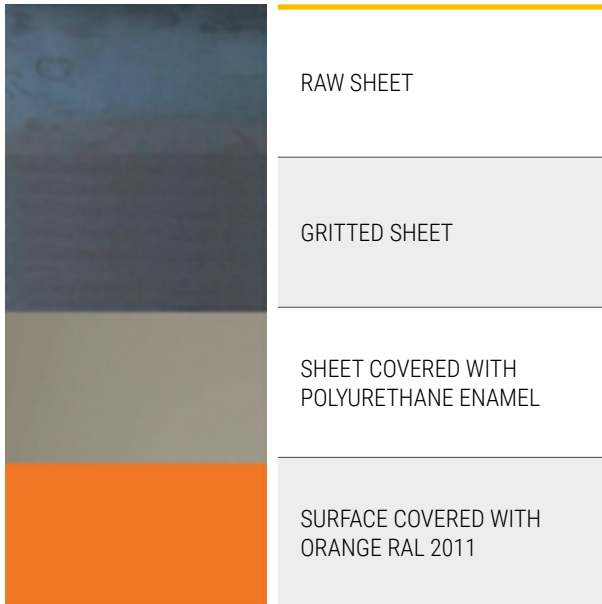
ISO 9001:2015



ANTICORROSIVE TREATMENT

ANTICORROSIVE POWDER TREATMENT

- Shot Blasting SA Ø 2,5
- Primer application in zinc phosphate epoxy powder thickness 60-80 µm
- EXTRA polyurethane finishing powder (UV-resistant) thickness 60-80 µm polymerization at 180° for 20'
- Final dry thickness 120-160
- Orange colour RAL 2011
- Corrosivity class c5-i following DIN55633 and DIN EN ISO 12944-6 norms
- Salt spray resistance 2000h



ANTICORROSIVE LIQUID TREATMENT FOR MECHANICAL AND HYDRAULIC COMPONENTS

HIGH STRENGHT CYCLE

- Shot Blasting sa Ø 2,5
- Epoxy bi-component primer application in zinc CT90
- Expoprimer application CT113 grey 7035
- EXTRA bi-component polyurethane enamel application (UV-resistant)
- Final dry thickness 350-400 µm

STANDARD CYCLE

- Shot Blasting sa Ø 2,5
- Expoprimer application CT113 grey 7035
- EXTRA bi-component polyurethane enamel application (UV-resistant)
- Final dry thickness 180-200 µm

“WHY AN EXCELLENT PAINTING IS IMPORTANT”

BECAUSE IT KEEPS THE PRICE OF THE MACHINE ON THE SECOND-HAND MARKET.

N.B. These cycles are applied on all our equipment.



BENEFITS OF MULCHING

Shredding is the cutting up of growth and residues into a fine mulch, leaving the field perfectly clean to allow the following cultivation phases to proceed, the clearing of growth and residue in Orchards, or the clearing of land that has been abandoned for some time.

The activity of a good plant residue control bring the following benefits:

- the swing out Mulchers are born with the concept of being able to keep channel or ditches clean to prevent them from clogging up and overflowing water during the rainy season, creating inconvenience and flooding
- the surface layers stabilize and prevent their erosion
- an improvement in soil fertility
- the phenomenon of runoff in land is reduced, it is very suitable in the hills or in mountain
- it reduces the loss of water due to evaporation.

You can choose between different machines to be selected based on the depth of the channel / ditch.

The swing out mulcher can be used all of the year depending the job to do, as they are multipurpose machines and therefore can be used as a horizontal mulcher, closed behind the tractor.

The use of mulchers involves numerous advantages the most important is to fight weeds, avoiding the use of herbicides.

the cut grass that remains on the ground brings natural organic substances in to the subsoil.







SIDE MULCHERS

WHY WE USE HARDOX?

Hardox® 450

The most popular abrasion-resistant steel with excellent structural properties.

Hardox® 450 is an abrasion-resistant steel with a nominal hardness of 450 HBW. Hardox® 450 combines good bendability and weldability with an option for guaranteed impact toughness (Hardox® 450 Tuf).

The products can be used in many different components and structures that are subject to wear. Hardox® 450, with an extra 50 Brinell hardness over our 400 grade, provides better dent and abrasion resistance as well as longer wear life, so you can achieve even greater savings.



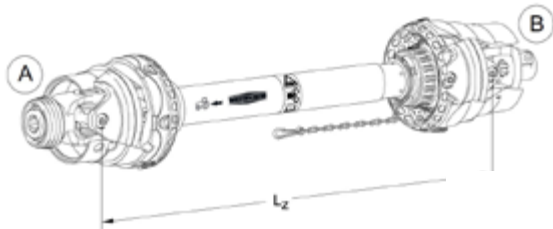
WHY WE USE STRENX?

Superior properties

Strenx® steel has extremely consistent properties, ensuring precision and efficiency in the workshop.

If you think all steel is basically the same, Strenx® performance steel will change your thinking. Strong and reliable from surface to core, Strenx® steel features exceptional surface quality as well as impressive thickness and flatness tolerances verified by the Strenx® guarantees. The steel's properties - yield and tensile strength, bending performance, impact toughness - are carefully tested to ensure reliability and consistency in every delivery.





CONSTANT VELOCITY DRIVE DOUBLE CARDAN

for greater regularity and safety when moving even with particularly high working angles

CUTTING HEAD SELF-LEVELING SYSTEM BY MEANS OF HYDRAULIC FLOATING

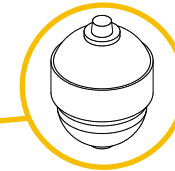
HYDRAULIC SIDE MOVEMENT

with adjustable ram and double acting anti-creep valve

ROBUST AND ERGONOMIC FRAME

COUNTER KNIFE

Increased rows of counter knives hold the material in for more complete shredding



“SMART SAFETY” HYDRO-PNEUMATIC “NON STOP” SHOCK ABSORBER SAFETY SYSTEM

in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

CUTTING CHAMBER

made up of a double frame in some models that increases resistance and protects the integrity of the machine, avoiding damage to the hood

SUPPORT FOOT IN REST POSITION

ADJUSTABLE SIDE SKIDS TO CONTROL THE WORKING HEIGHT

REAR ROLLER WITH ANTI-FLOODING PROFILE

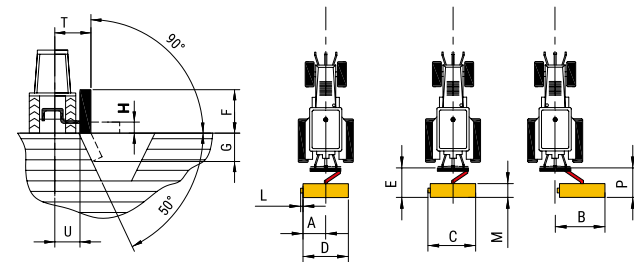
for uniform and rapid discharge of the chopped product, in the professional ranges as standard with 4 tapered roller bearings, mud scraper and interchangeable central body with two positions 1 self-cleaning, it is characterized by an automatic cleaning system of the roller thanks to the very close position to the rotor, 2 rear support

ELECTRONICALLY BALANCED ROTOR

with boron steel forest-type tool holders in professional models



**ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS**



| ENERGY | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 105 | 72 | 161 | 113 | 105 | 104 | 113 | 80 | 32 | 8 | 52 | 130 | 47 | 123 | 73 |
| 130 | 72 | 186 | 140 | 132 | 104 | 140 | 105 | 30 | 8 | 52 | 130 | 47 | 123 | 73 |
| 155 | 72 | 209 | 163 | 155 | 104 | 163 | 128 | 30 | 8 | 52 | 130 | 47 | 123 | 73 |



ENERGY
AGRICULTURAL SERIES



20 - 35 HP



STRENGTH POINTS



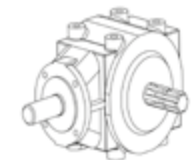
SELF-CLEANING ROLLER



SAFETY AND SELF LEVELLING BREAKWAY COUPLING



COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding






FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL SLEWING BEARING

ENERGY

AGRICULTURAL SERIES

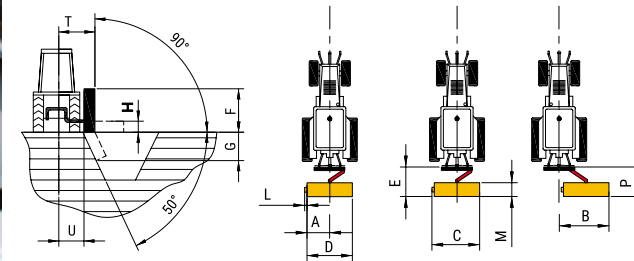
| ENERGY | | 105 | 130 | 155 |
|---------------------------------|--|---|--------------|------------------------|
| TECHNICAL SPECIFICATIONS | | | | |
| Working width | | 105 cm | 132 cm | 155 cm |
| Machine weight | | 215 - 250 kg | 232 - 265 kg | 255 - 290 kg |
| tools |  Knives Max Ø 1,5 cm | N° 48 | N° 64 | N° 80 |
| |  Hammers Max Ø 2,5 cm Kg 0,2 | N° 24 | N° 32 | N° 40 |
| rotor Ø |  | A | 90x8 mm | 95x10 mm |
| | | B | 265 mm | 271 mm |
| N° belts | | 3 | 3 | 3 |
| CAT. | | 0 | I | I |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed 3078 rpm - 42,68 m/sec | | 3078 rpm - 43,65 m/sec |
| HP max transmission | | 30 hp | 30 hp | 30 hp |
| Utilization | | rear mounted | | |

| TRACTOR REQUIREMENTS | | | | |
|-----------------------------|--|--------|--------|--------|
| Minimum weight | | 650 kg | 700 kg | 800 kg |
| Minimum wheels setting | | 100 cm | 110 cm | 130 cm |

| ENERGY | 105 | 130 | 155 |
|--|---------------------------------|-----|-----|
| MACHINE | | | |
| Gear box position | internal gearbox on top of hood | | |
| Monocoque skin th. 3 mm | ✓ | ✓ | ✓ |
| Fixed knife | ✓ | ✓ | ✓ |
| Front protections | ✓ | ✓ | ✓ |
| Self-cleaning rear roller Ø 102 mm | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side Skids | • | • | • |
| TRANSMISSION | | | |
| Cardan shaft 4 X 1200 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Swing bearings double column of balls | ✓ | ✓ | ✓ |
| Supplement for rotor with light hammers - Only factory fitted | • | • | • |
| SAFETY | | | |
| Mechanical safety and self-leveling system with double extra linkage | ✓ | ✓ | ✓ |
| HYDRAULIC SYSTEM | | | |
| Hydraulic swing out | ✓ | ✓ | ✓ |
| Hydraulic angleing | ✓ | ✓ | ✓ |



ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



| YOUNG | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 135 | 85 | 180 | 151 | 135 | 161 | 220 | 95 | 44 | 16 | 71 | 193 | 47 | 150 | 90 |
| 165 | 85 | 210 | 178 | 162 | 161 | 247 | 122 | 44 | 16 | 71 | 193 | 47 | 150 | 90 |



DIRECTION OF ROTATION OF P.T.O.

YOUNG

AGRICULTURAL SERIES



35 - 60 HP

STRENGTH POINTS



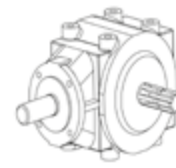
SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT



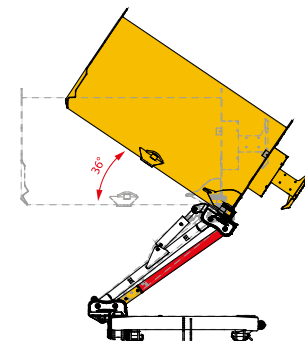
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding




FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL
SLEWING BEARING



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional) in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed.

| YOUNG | | 135 | 165 |
|---------------------------------|--|---|------------------------|
| TECHNICAL SPECIFICATIONS | | | |
| Working width | | 135 cm | 162 cm |
| Machine weight | | 455 - 505 kg | 475 - 525 kg |
| tools |  Knives Max Ø 2,5 cm | N° 24 | N° 32 |
| |  Hammers Max Ø 3,5 cm - Kg 1 | N° 12 | N° 16 |
| rotor Ø |  | A | 140x6 mm |
| | | B | 376 mm |
| N° Belts | | 4 | 4 |
| CAT. | | I | I |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 45,25 m/sec |
| HP max transmission | | 60 hp | 60 hp |
| Utilization | | rear mounted | |

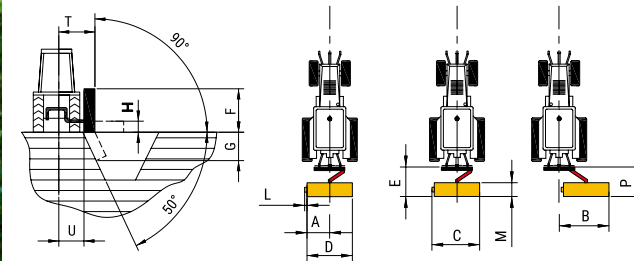
| TRACTOR REQUIREMENTS | | | |
|-----------------------------|--|---------|---------|
| Minimum weight | | 1400 kg | 1500 kg |
| Minimum wheels setting | | 130 cm | 140 cm |

| YOUNG | 135 | 165 |
|--|---------------------------------|---------------------------------|
| MACHINE | | |
| Gear box position | internal gearbox on top of hood | internal gearbox on top of hood |
| Monocoque skin th. 4 mm | ✓ | ✓ |
| Fixed knife | ✓ | ✓ |
| Front protections | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ |
| Self-cleaning rear roller Ø 140 mm | ✓ | ✓ |
| Reflectors | ✓ | ✓ |
| Side Skids | • | • |
| Front chain protections | • | • |
| TRANSMISSION | | |
| Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ |
| Tool holders in pressed steel | ✓ | ✓ |
| Tool screw in steel 12.9 | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ |
| Swing bearings double coloumn of balls | ✓ | ✓ |
| Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6 | • | • |
| Supplement for rotor with knife | • | • |
| SAFETY | | |
| Oleopneumatic anti-shock device | • | • |
| HYDRAULIC SYSTEM | | |
| Hydraulic swing out | ✓ | ✓ |
| Hydraulic angleing | ✓ | ✓ |





ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



| YOUNG OS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 135 | 27 | 238 | 183 | 135 | 161 | 253 | 120 | 44 | 42 | 81 | 193 | 48 | 150 | 90 |
| 165 | 27 | 265 | 210 | 162 | 161 | 280 | 147 | 44 | 42 | 81 | 193 | 48 | 150 | 90 |



YOUNG OFF SET

AGRICULTURAL SERIES



35 - 60 HP

STRENGTH POINTS



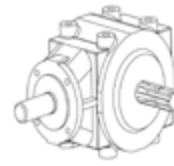
SELF-CLEANING ROLLER



3 YEARS WARRANTY
ON CAST IRON COMPONENT



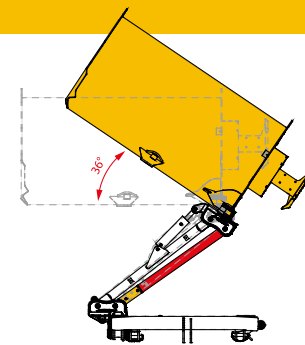
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL
SLEWING BEARING



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional) in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed.



DIRECTION OF ROTATION OF P.T.O.



WIDE ANGLE CARDAN SHAFT (optional)

| YOUNG OFF SET | 135 | 165 |
|---------------|-----|-----|
|---------------|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | |
|---------------------|------------------------------------|---|------------------------|------------------------|
| Working width | 135 cm | 162 cm | | |
| Machine weight | 480 - 530 kg | 500 - 550 kg | | |
| tools | Knives <i>Max Ø 2,5 cm</i> | N° 24 | N° 32 | |
| | Hammers <i>Max Ø 3,5 cm - Kg 1</i> | N° 12 | N° 16 | |
| rotor Ø | A | 140x6 mm | 140x6 mm | |
| | B | 376 mm | 376 mm | |
| N° Belts | 4 | 4 | | |
| CAT. | I | I | | |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 45,25 m/sec | 2300 rpm - 45,25 m/sec |
| HP max transmission | 60 hp | | 60 hp | |
| Utilization | rear mounted | | | |

TRACTOR REQUIREMENTS

| | | |
|------------------------|---------|---------|
| Minimum weight | 1400 kg | 1500 kg |
| Minimum wheels setting | 130 cm | 140 cm |

| YOUNG OFF SET | 135 | 165 |
|---------------|-----|-----|
|---------------|-----|-----|

MACHINE

| | | |
|------------------------------------|---------------------------------|---------------------------------|
| Gear box position | external gearbox on end of hood | external gearbox on end of hood |
| Monocoque skin th. 4 mm | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ |
| Front protections | ✓ | ✓ |
| Counter knife | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ |
| Rear roller self-cleaning Ø 140 mm | ✓ | ✓ |
| Reflectors | ✓ | ✓ |
| Side Skids | • | • |
| Front chain protections | • | • |

TRANSMISSION

| | | |
|--|---|---|
| Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ |
| Tool holders in pressed steel | ✓ | ✓ |
| Tool screw in steel 12.9 | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ |
| Swing bearings double column of balls | ✓ | ✓ |
| Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6 | • | • |
| Supplement for rotor with knife | • | • |

SAFETY

| | | |
|---------------------------------|---|---|
| Oleopneumatic anti-shock device | • | • |
|---------------------------------|---|---|

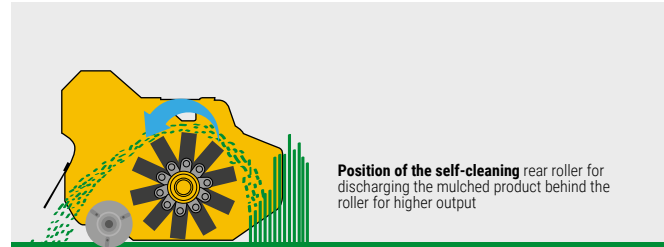
HYDRAULIC SYSTEM

| | | |
|---------------------|---|---|
| Hydraulic swing out | ✓ | ✓ |
| Hydraulic angleing | ✓ | ✓ |

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

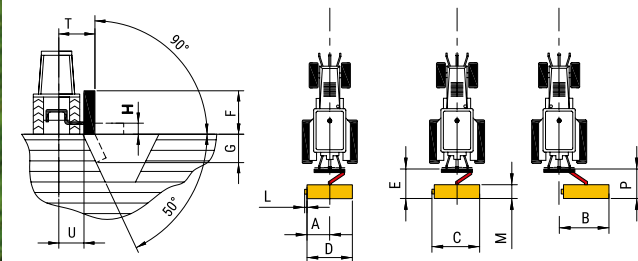
YOUNG OFF SET

AGRICULTURAL SERIES

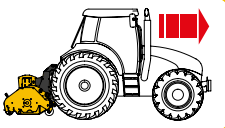




**ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS**



| VULCANIC | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 135 | 85 | 180 | 151 | 135 | 161 | 220 | 95 | 44 | 16 | 71 | 193 | 47 | 150 | 90 |
| 165 | 85 | 210 | 178 | 162 | 161 | 247 | 122 | 44 | 16 | 71 | 193 | 47 | 150 | 90 |
| 200 | 85 | 237 | 208 | 192 | 161 | 277 | 152 | 44 | 16 | 71 | 193 | 47 | 150 | 90 |



VULCANIC

AGRICULTURAL SERIES



40 - 60 HP



STRENGTH POINTS



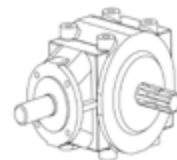
SELF-CLEANING ROLLER



3 YEARS WARRANTY ON CAST IRON COMPONENT



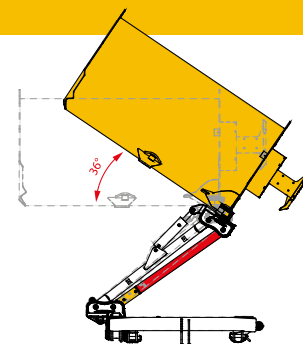
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE-WHEEL IN GEARBOX






SWING BEARINGS DOUBLE BALL SLEWING BEARING



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional) in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed.

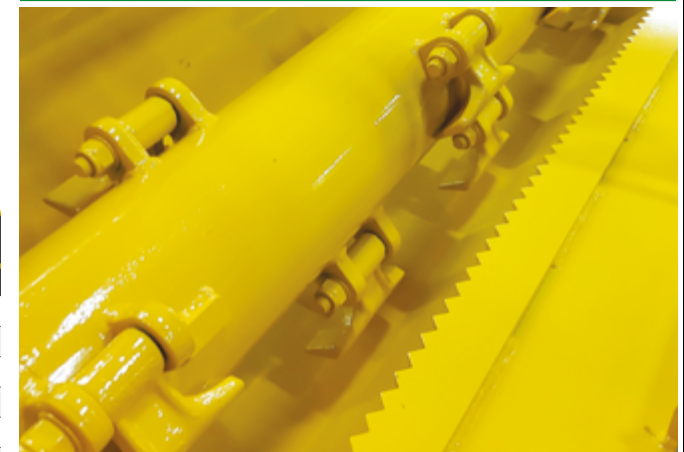
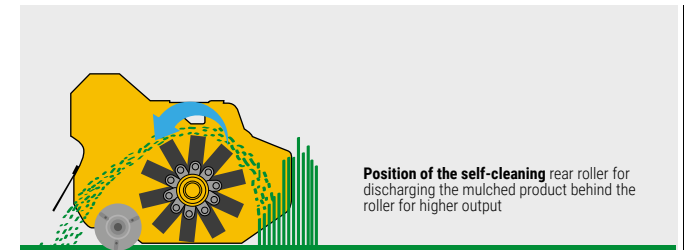


WIDE ANGLE CARDAN SHAFT (optional)

| VULCANIC | | | 135 | 165 | 200 |
|--|--|---|---------------------------------|---------------------------------|---------------------------------|
| TECHNICAL SPECIFICATIONS | | | | | |
| Working width | | | 135 cm | 162 cm | 192 cm |
| Machine weight | | | 490 - 533 kg | 510 - 553 kg | 525 - 570 kg |
| tools |  Knives Max Ø 3 cm | | N° 24 | N° 32 | N° 40 |
| |  Hammers Max Ø 4 cm - Kg 1 | | N° 12 | N° 16 | N° 20 |
| rotor Ø |  | A | 140x8 mm | 140x8 mm | 140x8 mm |
| | | B | 376 mm | 376 mm | 376 mm |
| N° Belts | | | 4 | 4 | 4 |
| CAT. | | | II | II | II |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 45,25 m/sec | 2300 rpm - 45,25 m/sec | 2300 rpm - 45,25 m/sec |
| HP max transmission | | | 60 hp | 60 hp | 60 hp |
| Utilization | | | rear mounted | | |
| TRACTOR REQUIREMENTS | | | | | |
| Minimum weight | | | 1500 kg | 1600 kg | 1700 kg |
| Minimum wheels setting | | | 160 cm | 170 cm | 180 cm |
| VULCANIC | | | 135 | 165 | 200 |
| MACHINE | | | | | |
| Gear box position | | | internal gearbox on top of hood | internal gearbox on top of hood | internal gearbox on top of hood |
| Monocoque skin th. 4 mm | | | ✓ | ✓ | ✓ |
| Cast iron pivot points | | | ✓ | ✓ | ✓ |
| Front protections | | | ✓ | ✓ | ✓ |
| Counter knife | | | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | | | ✓ | ✓ | ✓ |
| Self-cleaning rear roller Ø 140 mm | | | ✓ | ✓ | ✓ |
| Reflectors | | | ✓ | ✓ | ✓ |
| Side Skids | | | • | • | • |
| Front chain protections | | | • | • | • |
| TRANSMISSION | | | | | |
| Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6 | | | ✓ | ✓ | ✓ |
| Tool screw in steel 12.9 | | | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | | | ✓ | ✓ | ✓ |
| Swing bearings double column of balls | | | ✓ | ✓ | ✓ |
| Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6 | | | • | • | • |
| Supplement for rotor with knife | | | • | • | • |
| SAFETY | | | | | |
| Oleopneumatic anti-shock device | | | • | • | • |
| HYDRAULIC SYSTEM | | | | | |
| Hydraulic swing out | | | ✓ | ✓ | ✓ |
| Hydraulic angleing | | | ✓ | ✓ | ✓ |

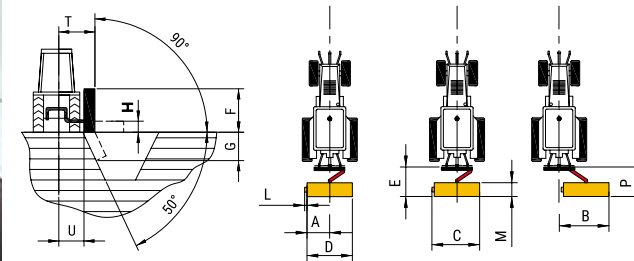
VULCANIC

AGRICULTURAL SERIES





ROAD EDGES, DITCHES,
GARDENS AND GREEN AREAS



| VULCANIC OFF SET | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 135 | 27 | 238 | 183 | 135 | 161 | 253 | 120 | 44 | 42 | 81 | 193 | 48 | 150 | 90 |
| 165 | 27 | 265 | 210 | 162 | 161 | 280 | 147 | 44 | 42 | 81 | 193 | 48 | 150 | 90 |
| 200 | 27 | 295 | 240 | 192 | 161 | 310 | 177 | 44 | 42 | 81 | 193 | 48 | 150 | 90 |



DIRECTION OF ROTATION OF P.T.O.

VULCANIC OFF SET

AGRICULTURAL SERIES



40 - 60 HP



STRENGTH POINTS



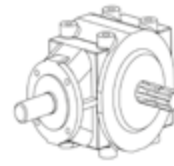
SELF-CLEANING ROLLER



3 YEARS WARRANTY ON CAST IRON COMPONENT



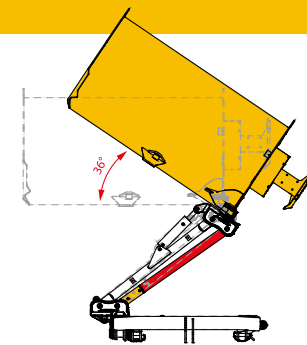
COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



FREE-WHEEL IN GEARBOX



SWING BEARINGS DOUBLE BALL SLEWING BEARING





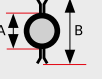
OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional) in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed.



WIDE ANGLE CARDAN SHAFT (optional)

| VULCANIC OFF SET | 135 | 165 | 200 |
|------------------|-----|-----|-----|
|------------------|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | |
|---------------------|--|---|-------------------------|-------------------------|
| Working width | | 135 _{cm} | 162 _{cm} | 192 _{cm} |
| Machine weight | | 500 - 545 _{kg} | 530 - 570 _{kg} | 550 - 600 _{kg} |
| tools |  Knives Max Ø 3 cm | N° 24 | N° 32 | N° 40 |
| |  Hammers Max Ø 4 cm - Kg 1 | N° 12 | N° 16 | N° 20 |
| rotor Ø |  | A | 140x8 mm | 140x8 mm |
| | | B | 376 mm | 376 mm |
| N° Belts | | 4 | 4 | 4 |
| CAT. | | II | II | II |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 45,25 m/sec | 2300 rpm - 45,25 m/sec |
| HP max transmission | | 60 _{hp} | 60 _{hp} | 60 _{hp} |
| Utilization | | rear mounted | | |

TRACTOR REQUIREMENTS

| | | | |
|------------------------|--------------------|--------------------|--------------------|
| Minimum weight | 1500 _{kg} | 1600 _{kg} | 1700 _{kg} |
| Minimum wheels setting | 160 _{cm} | 170 _{cm} | 180 _{cm} |

| VULCANIC OFF SET | 135 | 165 | 200 |
|------------------|-----|-----|-----|
|------------------|-----|-----|-----|

MACHINE

| | | | |
|------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Gear box position | external gearbox on end of hood | external gearbox on end of hood | external gearbox on end of hood |
| Monocoque skin th. 4 mm | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ |
| Front protections | ✓ | ✓ | ✓ |
| Counter knife | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ |
| Self-cleaning rear roller Ø 140 mm | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids | • | • | • |
| Front chain protections | • | • | • |

TRANSMISSION

| | | | |
|--|---|---|---|
| Cardan shaft 5 X 2000 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ | ✓ |
| Tool screw in steel 12.9 | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Swing bearings double column of balls | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ |
| Wide angle cardan shaft 6 X 2000 1"3/8 Z6+1"3/8 Z6 | • | • | • |
| Supplement for rotor with knife | • | • | • |

SAFETY

| | | | |
|---------------------------------|---|---|---|
| Oleopneumatic anti-shock device | • | • | • |
|---------------------------------|---|---|---|

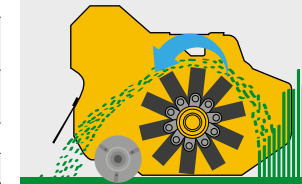
HYDRAULIC SYSTEM

| | | | |
|---------------------|---|---|---|
| Hydraulic swing out | ✓ | ✓ | ✓ |
| Hydraulic angling | ✓ | ✓ | ✓ |

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

VULCANIC OFF SET

AGRICULTURAL SERIES

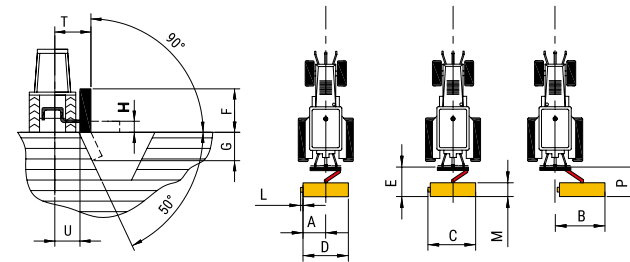


Position of the self-cleaning rear roller for discharging the mulched product behind the roller for higher output





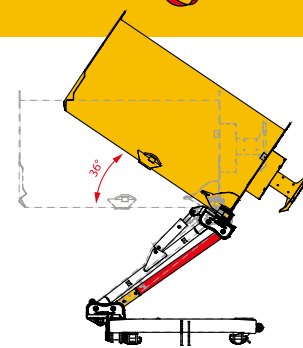
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| COMPETITION GS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 165 | 81 | 258 | 186 | 162 | 183 | 256 | 112 | 48 | 24 | 98 | 204 | 60 | 177 | 129 |
| 180 | 81 | 277 | 205 | 181 | 183 | 275 | 131 | 48 | 24 | 98 | 204 | 60 | 177 | 129 |
| 200 | 81 | 297 | 225 | 201 | 183 | 295 | 151 | 48 | 24 | 98 | 204 | 60 | 177 | 129 |

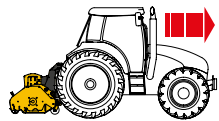


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH



COMPETITION GS
AGRICULTURAL SERIES



50 - 80 HP

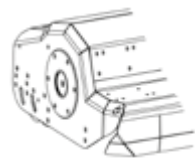
STRENGTH POINTS



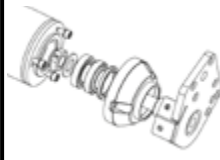
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



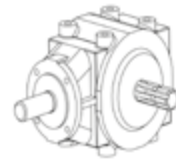
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



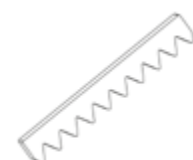
PROFESSIONAL REAR ROLLER Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



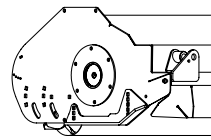
FREE-WHEEL IN GEARBOX



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

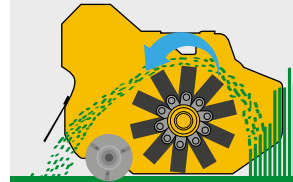
| COMPETITION GS | | 165 | 180 | 200 |
|---------------------------------|------------------------------------|---|-----------------------|-----------------------|
| TECHNICAL SPECIFICATIONS | | | | |
| Working width | | 162 cm | 181 cm | 201 cm |
| Machine weight | | 595 - 690 kg | 630 - 730 kg | 645 - 750 kg |
| tools | Knives <i>Max Ø 3 cm</i> | N° 36 | N° 48 | N° 48 |
| | Hammers <i>Max Ø 5/6 cm Kg1,35</i> | N° 12 | N° 16 | N° 16 |
| rotor Ø | A | 159x10 mm | 159x10 mm | 159x10 mm |
| | B | 423 mm | 423 mm | 423 mm |
| N° Belts | | 4 | 4 | 4 |
| CAT. | | II | II | II |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 50,9 m/sec | 2300 rpm - 50,9 m/sec |
| HP max transmission | | 60 hp | 60 hp | 60 hp |
| Utilization | | rear mounted | | |
| TRACTOR REQUIREMENTS | | | | |
| Minimum weight | | 2100 kg | 2200 kg | 2400 kg |
| Minimum wheels setting | | 160 cm | 170 cm | 180 cm |

| COMPETITION GS | 165 | 180 | 200 |
|--|-----|---------------------------------|-----|
| MACHINE | | | |
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ |
| Gear box position | | internal gearbox on top of hood | |
| Monocoque skin in Hardox | ✓ | ✓ | ✓ |
| Double frame (inner in Hardox) in mulching area | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ |
| Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • |
| Front chain protections | • | • | • |
| TRANSMISSION | | | |
| Wide angle cardan shaft 6 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ |
| Supplement for rotor with knife | • | • | • |
| SAFETY | | | |
| Oleopneumatic anti-shock device | • | • | • |
| HYDRAULIC SYSTEM | | | |
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ |

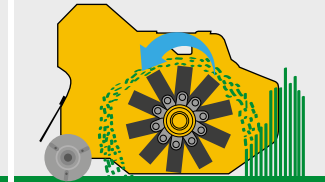
COMPETITION GS

AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

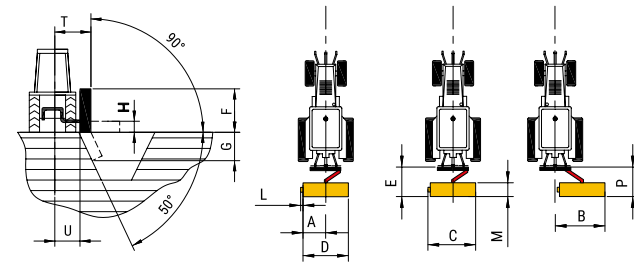


Rear roller position
unloading of mulched product in front of the roller for better shredding





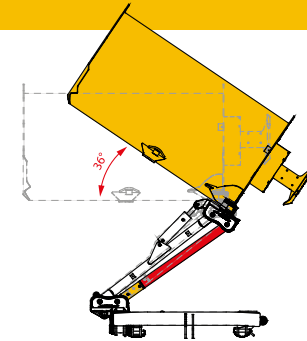
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| COMPETITION GS OS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 135 | 36 | 276 | 184 | 135 | 183 | 254 | 130 | 48 | 42 | 98 | 204 | 15 | 177 | 129 |
| 165 | 36 | 303 | 211 | 162 | 183 | 281 | 157 | 48 | 42 | 98 | 204 | 15 | 177 | 129 |
| 180 | 36 | 322 | 230 | 181 | 183 | 300 | 176 | 48 | 42 | 98 | 204 | 15 | 177 | 129 |
| 200 | 36 | 342 | 250 | 201 | 183 | 320 | 186 | 48 | 42 | 98 | 204 | 15 | 177 | 129 |

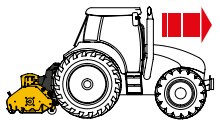


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH

HARDOX
IN MY BODY



COMPETITION GS OFF SET
AGRICULTURAL SERIES



50 - 80 HP

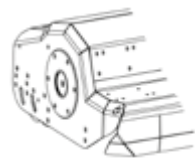
STRENGTH POINTS



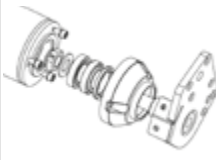
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



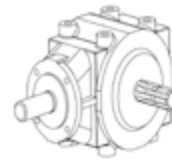
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



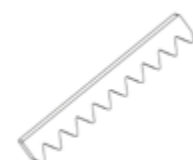
PROFESSIONAL REAR ROLLER Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



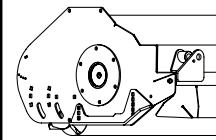
FREE-WHEEL IN GEARBOX



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

| COMPETITION GS OFF SET | | 135 | 165 | 180 | 200 |
|---------------------------------|------------------------------------|---|-----------------------|-----------------------|-----------------------|
| TECHNICAL SPECIFICATIONS | | | | | |
| Working width | | 135 cm | 162 cm | 181 cm | 201 cm |
| Machine weight | | 605 - 660 kg | 620 - 715 kg | 655 - 755 kg | 665 - 775 kg |
| tools | Knives <i>Max Ø 3 cm</i> | N° 36 | N° 36 | N° 48 | N° 48 |
| | Hammers <i>Max Ø 5/6 cm Kg1,35</i> | N° 12 | N° 12 | N° 16 | N° 16 |
| rotor Ø | A | 159x10 mm | 159x10 mm | 159x10 mm | 159x10 mm |
| | B | 423 mm | 423 mm | 423 mm | 423 mm |
| N° Belts | | 4 | 4 | 4 | 4 |
| CAT. | | II | II | II | II |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 53,2 m/sec | 2300 rpm - 53,2 m/sec | 2300 rpm - 53,2 m/sec |
| HP max transmission | | 60 hp | 60 hp | 60 hp | 60 hp |
| Utilization | | rear mounted | | | |

| TRACTOR REQUIREMENTS | | | | | |
|-----------------------------|--|---------|---------|---------|---------|
| Minimum weight | | 2100 kg | 2200 kg | 2300 kg | 2400 kg |
| Minimum wheels setting | | 160 cm | 170 cm | 175 cm | 180 cm |

| COMPETITION GS OFF SET | 135 | 165 | 180 | 200 |
|------------------------|-----|-----|-----|-----|
|------------------------|-----|-----|-----|-----|

| MACHINE | 135 | 165 | 180 | 200 |
|--|-----|---------------------------------|-----|-----|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ | ✓ |
| Gear box position | | external gearbox on end of hood | | |
| Double skin in hardox | ✓ | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ | ✓ |
| Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ | ✓ |
| Side Skids in Hardox | • | • | • | • |
| Front chain protections | • | • | • | • |

| TRASMISSIONE | 135 | 165 | 180 | 200 |
|--|-----|-----|-----|-----|
| Wide angle cardan shaft 6 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ | ✓ |
| Supplement for rotor with knife | • | • | • | • |

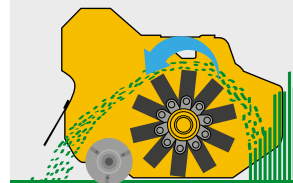
| SAFETY | 135 | 165 | 180 | 200 |
|---------------------------------|-----|-----|-----|-----|
| Oleopneumatic anti-shock device | • | • | • | • |

| HYDRAULIC SYSTEM | 135 | 165 | 180 | 200 |
|--|-----|-----|-----|-----|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ | ✓ |

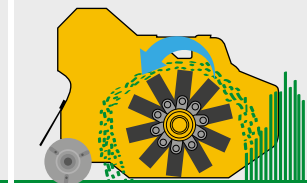
COMPETITION GS

OFF SET AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

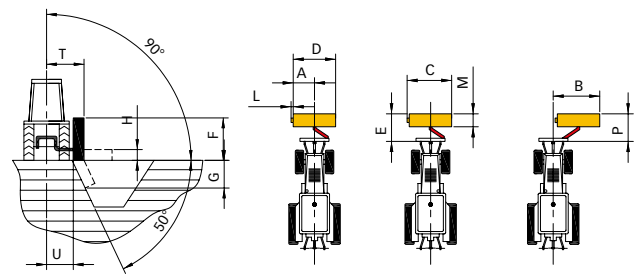


Rear roller position
unloading of mulched product in front of the roller for better shredding

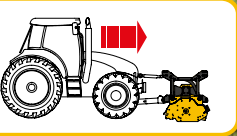




**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| COMPETITION GS-OS FRONTAL | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | T cm | U cm |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 165 | 50 | 298 | 205 | 162 | 226 | 275 | 157 | 48 | 43 | 99 | 225 | 180 | 130 |
| 180 | 50 | 317 | 224 | 181 | 226 | 295 | 176 | 48 | 43 | 99 | 225 | 180 | 130 |
| 200 | 50 | 337 | 244 | 201 | 226 | 314 | 186 | 48 | 43 | 99 | 225 | 180 | 130 |



EXTRA REACH

HARDOX
IN MY BODY



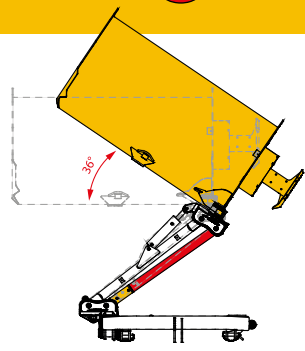
COMPETITION GS OFF SET *FRONTAL*
AGRICULTURAL SERIES



80 - 140 HP



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (standard equipment)
in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

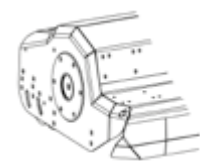
STRENGTH POINTS



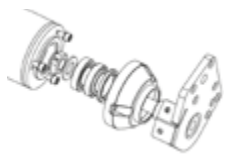
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



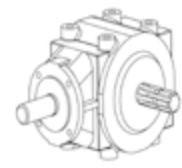
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER
Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



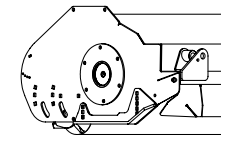
"VENTILATOR" ROTOR
electronically balanced. Forestry tool holders moulded in boron steel.



FREE-WHEEL IN GEARBOX





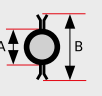
DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the material in for more complete shredding



INTERNAL ROTOR BEARINGS
The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

| COMPETITION GS OFF SET FRONTAL | 165 | 180 | 200 |
|--------------------------------|-----|-----|-----|
|--------------------------------|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | |
|---------------------|--|--|-----------------------|-----------------------|
| Working width | | 162 cm | 181 cm | 201 cm |
| Machine weight | | 735 - 770 kg | 785 - 820 kg | 815 - 850 kg |
| tools |  Knives Max Ø 3 cm | N° 36 | N° 48 | N° 48 |
| |  Hammers Max Ø 5/6 cm Kg1,35 | N° 16 | N° 16 | N° 16 |
| rotor Ø |  A | 159x10 mm | 159x10 mm | 159x10 mm |
| | B | 423 mm | 423 mm | 423 mm |
| N° Belts | | 4 | 4 | 4 |
| CAT. | | II | II | II |
| RPM PTO | 1000 | Rotor revolutions / peripheral tool speed 2271 rpm - 50,3 m/sec | 2271 rpm - 50,3 m/sec | 2271 rpm - 50,3 m/sec |
| HP max transmission | | 120 hp | 120 hp | 120 hp |
| Utilization | | front mounted | | |

TRACTOR REQUIREMENTS

| | | | |
|------------------------|---------|---------|---------|
| Minimum weight | 2200 kg | 2300 kg | 2300 kg |
| Minimum wheels setting | 170 cm | 175 cm | 180 cm |

| COMPETITION GS OFF SET FRONTAL | 165 | 180 | 200 |
|--------------------------------|-----|-----|-----|
|--------------------------------|-----|-----|-----|

MACHINE

| | | | |
|---|---------------------------------|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ |
| Gear box position | external gearbox on end of hood | | |
| Double frame (inner in Hardox) in mulching area | ✓ | ✓ | ✓ |
| Monocoque skin in Hardox | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ |
| Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central body interchangeable with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids | • | • | • |
| Front chain protections | • | • | • |

TRANSMISSION

| | | | |
|--|---|---|---|
| Wide angle cardan shaft 6 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ |
| Supplement for rotor with knife | • | • | • |

SAFETY

| | | | |
|---------------------------------|---|---|---|
| Oleopneumatic anti-shock device | ✓ | ✓ | ✓ |
|---------------------------------|---|---|---|

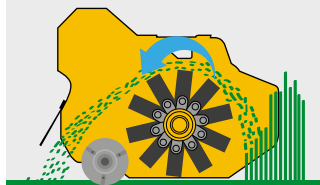
HYDRAULIC SYSTEM

| | | | |
|--|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ |

COMPETITION GS

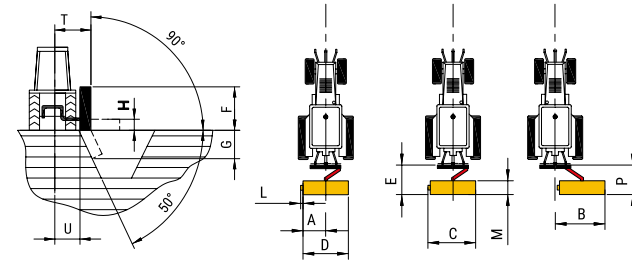
OFF SET FRONTAL AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller
for faster working speed





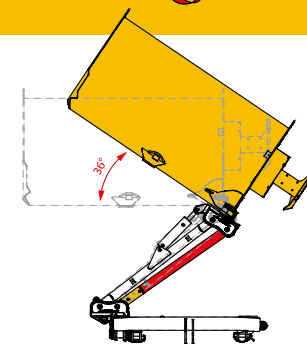
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| PRIMATIST GS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 180 | 80 | 290 | 211 | 192 | 208 | 281 | 173 | 55 | 15 | 98 | 240 | 5 | 179 | 126 |
| 200 | 80 | 299 | 220 | 201 | 208 | 290 | 182 | 55 | 15 | 98 | 240 | 5 | 179 | 126 |
| 220 | 80 | 319 | 240 | 221 | 208 | 310 | 202 | 55 | 15 | 98 | 240 | 5 | 179 | 126 |
| 250 | 80 | 352 | 273 | 254 | 208 | 343 | 235 | 55 | 15 | 98 | 240 | 5 | 179 | 126 |

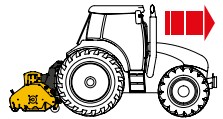


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH



PRIMATIST GS
AGRICULTURAL SERIES



60 - 100 HP

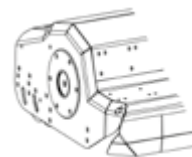
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



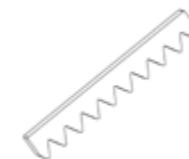
PROFESSIONAL REAR ROLLER Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



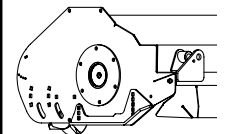
DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

| PRIMATIST GS | | 180 | 200 | 220 | 250 | |
|---------------------------------|------------------------------------|---|---------------------|---------------------|-----------------------|-----------------------|
| TECHNICAL SPECIFICATIONS | | | | | | |
| Working width | | 181 cm | 201 cm | 221 cm | 253 cm | |
| Machine weight | | 745 - 790 kg | 765 - 808 kg | 805 - 850 kg | 855 - 900 kg | |
| tools | Knives Max Ø 3 cm | N° 48 | N° 48 | N° 48 | N° 60 | |
| | Hammers Max Ø 5/6 cm Kg1,35 | N° 16 | N° 16 | N° 16 | N° 20 | |
| rotor Ø | A | 159x10 mm | 159x10 mm | 178x10 mm | 178x10 mm | |
| | B | 423 mm | 423 mm | 442 mm | 442 mm | |
| N° Belts quad power | | 4 | 4 | 5 | 5 | |
| CAT. | | II | II | II | II | |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 51 m/sec | 2300 rpm - 51 m/sec | 2050 rpm - 47,4 m/sec | 2050 rpm - 47,4 m/sec |
| HP max transmission | | 70 hp | 70 hp | 70 hp | 70 hp | |
| Utilization | | rear mounted | | | | |
| TRACTOR REQUIREMENTS | | | | | | |
| Minimum weight | | 2200 kg | 2400 kg | 2600 kg | 2800 kg | |
| Minimum wheels setting | | 170 cm | 180 cm | 200 cm | 220 cm | |

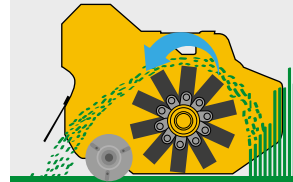
| PRIMATIST GS | 180 | 200 | 220 | 250 |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| MACHINE | | | | |
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ | ✓ |
| Gear box position | internal gearbox on top of hood | | | |
| Double skin in hardox | ✓ | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ | ✓ |
| Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • | • |
| Front chain protections | • | • | • | • |
| TRANSMISSION | | | | |
| Wide angle cardan shaft | ✓ 6 X 2150 1 3/8 Z6+1 3/8 Z6 | ✓ 6 X 2150 1 3/8 Z6+1 3/8 Z6 | ✓ 8 X 2150 1 3/8 Z6+1 3/8 Z6 | ✓ 8 X 2150 1 3/8 Z6+1 3/8 Z6 |
| Tool holders - Forestry type | ✓ | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ | ✓ |
| Double rotor support | - | - | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ | ✓ |
| Supplement for rotor with knife | • | • | • | • |
| SAFETY | | | | |
| Oleopneumatic anti-shock device | • | • | • | • |
| HYDRAULIC SYSTEM | | | | |
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ | ✓ |

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

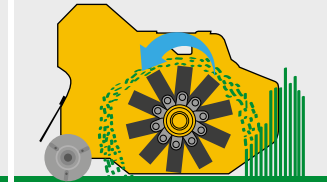
PRIMATIST GS

AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

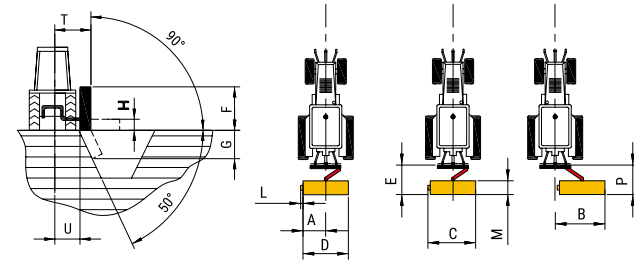


Rear roller position
unloading of mulched product in front of the roller for better shredding





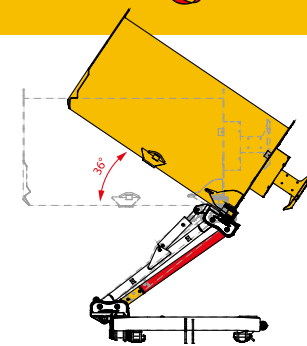
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| PRIMATIST GS DS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 180 | 35 | 337 | 238 | 182 | 208 | 308 | 188 | 55 | 42 | 98 | 240 | 5 | 179 | 126 |
| 200 | 35 | 346 | 247 | 201 | 208 | 317 | 197 | 55 | 42 | 98 | 240 | 5 | 179 | 126 |
| 220 | 35 | 366 | 267 | 221 | 208 | 337 | 217 | 55 | 42 | 99 | 240 | 5 | 179 | 126 |

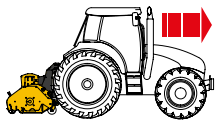


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH

HARDOX
IN MY BODY



PRIMATIST GS OFF SET
AGRICULTURAL SERIES



60 - 100 HP

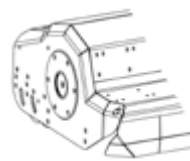
STRENGTH POINTS



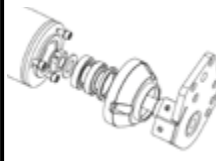
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



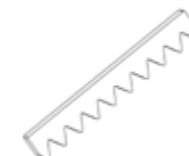
PROFESSIONAL REAR ROLLER Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



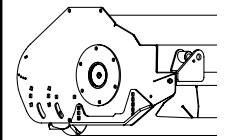
DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding




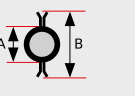
AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

| PRIMATIST GS OFF SET | 180 | 200 | 220 |
|----------------------|-----|-----|-----|
|----------------------|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | |
|----------------------------|--|---|---------------------|---------------------|
| Working width | | 181 cm | 201 cm | 221 cm |
| Machine weight | | 765 - 810 kg | 785 - 828 kg | 825 - 870 kg |
| tools |  Knives Max Ø 3 cm | N° 48 | N° 48 | N° 48 |
| |  Hammers Max Ø 5/6 cm Kg1,35 | N° 16 | N° 16 | N° 16 |
| rotor Ø |  | A | 159x10 mm | 178x10 mm |
| | | B | 423 mm | 442 mm |
| N° Belts quad power | | 4 | 4 | 5 |
| CAT. | | II | II | II |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 51 m/sec | 2300 rpm - 51 m/sec |
| HP max transmission | | 70 hp | 70 hp | 70 hp |
| Utilization | | rear mounted | | |

TRACTOR REQUIREMENTS

| | | | |
|------------------------|---------|---------|---------|
| Minimum weight | 2200 kg | 2400 kg | 2600 kg |
| Minimum wheels setting | 170 cm | 180 cm | 200 cm |

| PRIMATIST GS OFF SET | 180 | 200 | 220 |
|----------------------|-----|-----|-----|
|----------------------|-----|-----|-----|

MACHINE

| | | | |
|--|---------------------------------|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ |
| Gear box position | external gearbox on end of hood | | |
| Monocoque skin in Hardox | ✓ | ✓ | ✓ |
| Double frame (inner in Hardox) in mulching area | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ |
| Professional rear roller Ø 140 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • |
| Front chain protections | • | • | • |

TRANSMISSION

| | | | |
|--|------------------------------|------------------------------|------------------------------|
| Wide angle cardan shaft | ✓ 6 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 6 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6 |
| Tool holders - Forestry type | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ |
| Double rotor support | - | - | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ |
| Supplement for rotor with knife | • | • | • |

SAFETY

| | | | |
|---------------------------------|---|---|---|
| Oleopneumatic anti-shock device | • | • | • |
|---------------------------------|---|---|---|

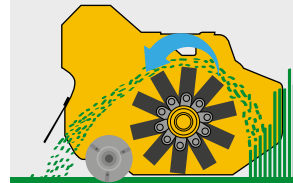
HYDRAULIC SYSTEM

| | | | |
|--|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ |

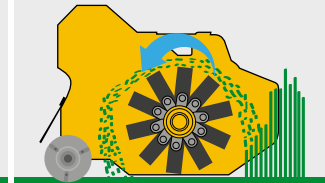
PRIMATIST GS OFF SET

AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



Rear roller position
unloading of mulched product in front of the roller for better shredding

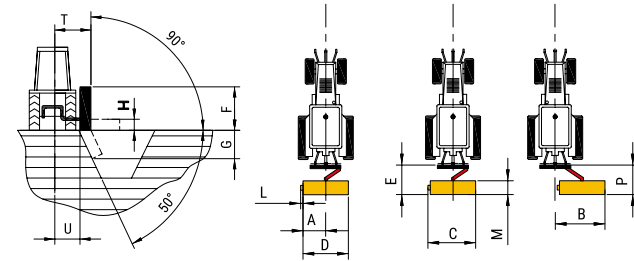


Optional
"smart safety"





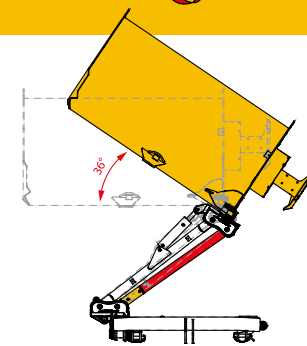
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| PRIMATIST PLUS GS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 185 | 80 | 290 | 211 | 182 | 218 | 281 | 173 | 55 | 15 | 107 | 250 | 5 | 179 | 126 |
| 200 | 80 | 299 | 220 | 201 | 218 | 290 | 182 | 55 | 15 | 107 | 250 | 5 | 179 | 126 |
| 220 | 80 | 319 | 240 | 221 | 218 | 310 | 202 | 55 | 15 | 107 | 250 | 5 | 179 | 126 |
| 260 | 80 | 352 | 273 | 254 | 218 | 343 | 235 | 55 | 15 | 107 | 250 | 5 | 179 | 126 |

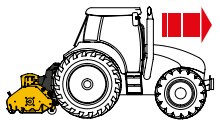


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed



EXTRA REACH

HARDOX
IN MY BODY



PRIMATIST PLUS GS
AGRICULTURAL SERIES



70 - 140 HP

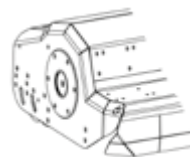
STRENGTH POINTS



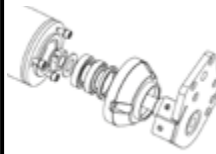
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



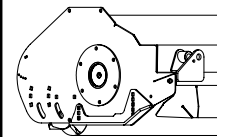
DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



INTERNAL ROTOR BEARINGS The internal positioning of the bearings allows greater durability as it has greater protection from impacts and impurities

| PRIMATIST PLUS GS | 185 | 200 | 220 | 260 |
|-------------------|-----|-----|-----|-----|
|-------------------|-----|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | | | |
|----------------------------|-----------------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Working width | | 181 cm | 201 cm | 221 cm | 254 cm | |
| Machine weight | | 840 - 890 kg | 860 - 910 kg | 900 - 960 kg | 950 - 1010 kg | |
| tools | Knives <i>Max Ø 3,5 cm</i> | N° 48 | N° 48 | N° 60 | N° 60 | |
| | Hammers <i>Max Ø 5/6 cm Kg1,7</i> | N° 16 | N° 16 | N° 20 | N° 20 | |
| rotor Ø | A | 178x10 mm | 178x10 mm | 194x10 mm | 194x10 mm | |
| | B | 441 mm | 441 mm | 458 mm | 458 mm | |
| N° Belts quad power | | 4 | 4 | 5 | 5 | |
| CAT. | | II | II | II | II | |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 53,1 m/sec | 2300 rpm - 53,1 m/sec | 2025 rpm - 48,5 m/sec | 2025 rpm - 48,5 m/sec |
| HP max transmission | | 80 hp | 80 hp | 110 hp | 110 hp | |
| Utilization | | rear mounted | | | | |

TRACTOR REQUIREMENTS

| | | | | |
|------------------------|---------|---------|---------|---------|
| Minimum weight | 2750 kg | 2950 kg | 3200 kg | 3400 kg |
| Minimum wheels setting | 180 cm | 200 cm | 220 cm | 220 cm |

| PRIMATIST PLUS GS | 185 | 200 | 220 | 260 |
|-------------------|-----|-----|-----|-----|
|-------------------|-----|-----|-----|-----|

MACHINE

| | | | | |
|--|---------------------------------|---|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ | ✓ |
| Gear box position | internal gearbox on top of hood | | | |
| Double skin in hardox | ✓ | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ | ✓ |
| Side Skidsin Hardox | • | • | • | • |
| Catene di protezione | • | • | • | • |

TRANSMISSION

| | | | | |
|--|------------------------------|------------------------------|---|---|
| Wide angle cardan shaft | ✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 8 X 2150 1"3/4 Z6+1"3/8 Z6 TRACTOR SIDE | ✓ 8 X 2150 1"3/4 Z6+1"3/8 Z6 TRACTOR SIDE |
| Tool holders - Forestry type | ✓ | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ | ✓ |
| Double rotor support | ✓ | ✓ | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ | ✓ |
| Gear box 130 HP | - | - | • | • |
| Supplement for rotor with knife | • | • | • | • |

SAFETY

| | | | | |
|--|---|---|---|---|
| Mechanical safety and self-leveling system with double extra linkage | ✓ | ✓ | ✓ | ✓ |
| Oleopneumatic anti-shock device | • | • | • | • |

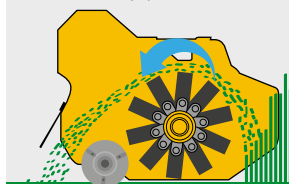
HYDRAULIC SYSTEM

| | | | | |
|--|---|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ | ✓ |
| Hydraulic angleing with safety tap for road transport | ✓ | ✓ | ✓ | ✓ |

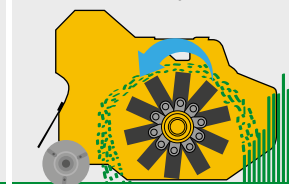
PRIMATIST PLUS GS

AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

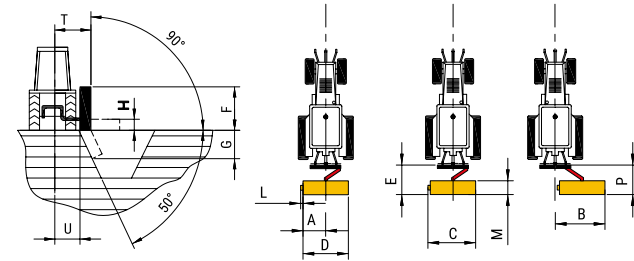


Rear roller position
unloading of mulched product in front of the roller for better shredding

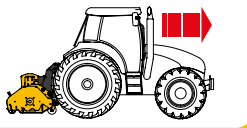




**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| PRIMATIST PLUS GS-OS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 185 | 35 | 337 | 238 | 182 | 218 | 308 | 188 | 55 | 42 | 107 | 250 | 5 | 179 | 126 |
| 200 | 35 | 346 | 247 | 201 | 218 | 317 | 197 | 55 | 42 | 107 | 250 | 5 | 179 | 126 |
| 220 | 35 | 366 | 267 | 221 | 218 | 337 | 217 | 55 | 42 | 107 | 250 | 5 | 179 | 126 |



EXTRA REACH

HARDOX
IN MY BODY



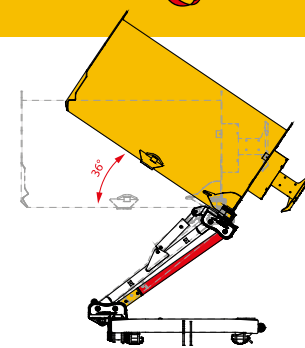
PRIMATIST PLUS GS OFF SET
AGRICULTURAL SERIES



70 - 140 HP



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)
In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

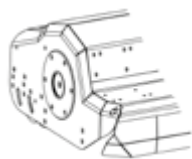
STRENGTH POINTS



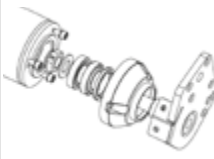
DOUBLE SKIN IN HARDOX



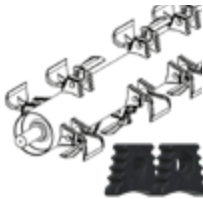
3 YEARS WARRANTY ON CAST IRON COMPONENT



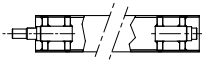
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



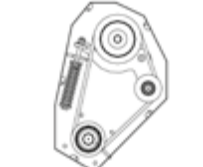
"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding





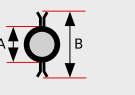

AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

| PRIMATIST PLUS GS OFF SET | 185 | 200 | 220 |
|---------------------------|-----|-----|-----|
|---------------------------|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | | |
|----------------------------|--|---|-----------------------|-----------------------|-----------------------|
| Working width | | 181 cm | 201 cm | 221 cm | |
| Machine weight | | 855 - 895 kg | 885 - 930 kg | 915 - 960 kg | |
| tools |  Knives <i>Max Ø 3,5 cm</i> | N° 48 | N° 48 | N° 60 | |
| |  Hammers <i>Max Ø 5/6 cm Kg 1,7</i> | N° 16 | N° 16 | N° 20 | |
| rotor Ø |  A | 178x10 mm | 178x10 mm | 194x10 mm | |
| |  B | 441 mm | 441 mm | 458 mm | |
| N° Belts quad power | | 4 | 4 | 5 | |
| CAT. | | II | II | II | |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2300 rpm - 53,1 m/sec | 2300 rpm - 53,1 m/sec | 2025 rpm - 48,5 m/sec |
| HP max transmission | | 80 _{hp} | 80 _{hp} | 110 _{hp} | |
| Utilization | | rear mounted | | | |

TRACTOR REQUIREMENTS

| | | | |
|------------------------|---------|---------|---------|
| Minimum weight | 2900 kg | 3100 kg | 3350 kg |
| Minimum wheels setting | 190 cm | 210 cm | 220 cm |

| PRIMATIST PLUS GS OFF SET | 185 | 200 | 220 |
|---------------------------|-----|-----|-----|
|---------------------------|-----|-----|-----|

MACCHINA

| | | | |
|--|---------------------------------|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ |
| Gear box position | external gearbox on end of hood | | |
| Double skin in hardox | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • |
| Front chain protections | • | • | • |

TRANSMISSION

| | | | |
|--|------------------------------|------------------------------|--|
| Wide angle cardan shaft | ✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 8 X 2150 1"3/8 Z6+1"3/8 Z6 | ✓ 8 X 2150 1"3/4 Z6+1"3/8 Z6 Tractor side |
| Tool holders - Forestry type | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ |
| Double rotor support | ✓ | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ |
| Gear box 130 HP | - | - | • |
| Supplement for rotor with knife | • | • | • |

SAFETY

| | | | |
|--|---|---|---|
| Mechanical safety and self-leveling system with double extra linkage | ✓ | ✓ | ✓ |
| Oleopneumatic anti-shock device | • | • | • |

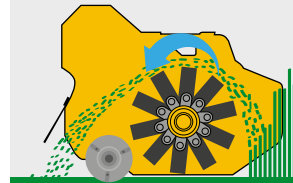
HYDRAULIC SYSTEM

| | | | |
|--|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ |
| Hydraulic angleing with safety tap for road transport | ✓ | ✓ | ✓ |

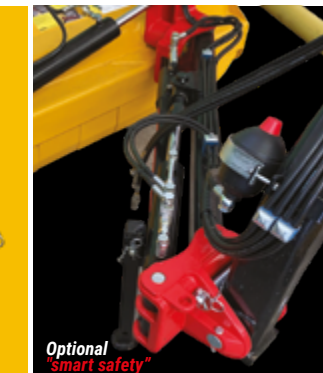
PRIMATIST PLUS GS

OFF SET AGRICULTURAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

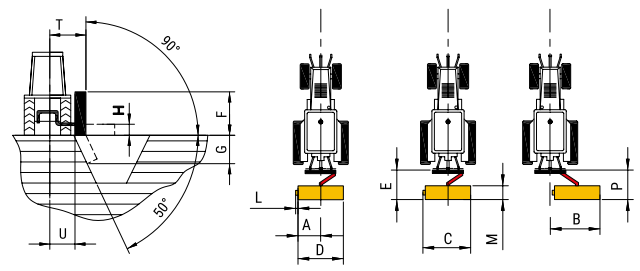


Rear roller position
unloading of mulched product in front of the roller for better shredding

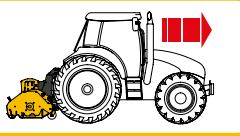




**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| MAGNUM PLUS GS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 160 | 93 | 239 | 172 | 155 | 209 | 242 | 134 | 54 | 17 | 105 | 259 | 70 | 168 | 114 |
| 185 | 93 | 265 | 198 | 181 | 209 | 268 | 160 | 54 | 17 | 105 | 259 | 70 | 168 | 114 |
| 210 | 93 | 285 | 218 | 201 | 209 | 288 | 180 | 54 | 17 | 105 | 259 | 70 | 168 | 114 |
| 235 | 93 | 312 | 245 | 228 | 209 | 315 | 207 | 54 | 17 | 105 | 259 | 70 | 168 | 114 |
| 250 | 93 | 335 | 268 | 251 | 209 | 338 | 230 | 54 | 17 | 105 | 259 | 70 | 168 | 114 |



EXTRA REACH

HARDOX
IN MY BODY



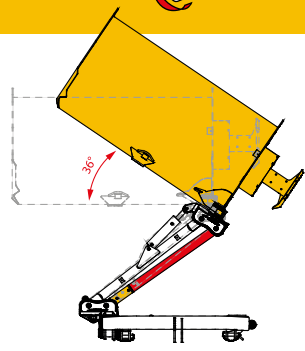
MAGNUM PLUS GS
PROFESSIONAL SERIES



80 - 200 HP



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)
in the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

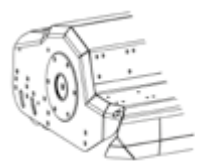
STRENGTH POINTS



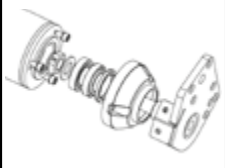
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



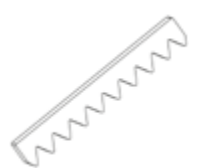
PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

| MAGNUM PLUS GS | | 160 | 185 | 210 | 235 | 250 |
|----------------|--|-----|-----|-----|-----|-----|
|----------------|--|-----|-----|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | | | |
|----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Working width | | 155 cm | 181 cm | 201 cm | 228 cm | 251 cm |
| Machine weight | | 1050 - 1100 kg | 1080 - 1130 kg | 1110 - 1160 kg | 1150 - 1200 kg | 1175 - 1225 kg |
| tools | Knives Max Ø 3,5 cm | N° 36 | N° 48 | N° 48 | N° 60 | N° 60 |
| | Hammers Max Ø 8 cm Kg 2,1 | N° 12 | N° 16 | N° 16 | N° 20 | N° 20 |
| rotor Ø | A | 194x12.5 mm | 194x12.5 mm | 194x12.5 mm | 194x12.5 mm | 194x12.5 mm |
| | B | 452 mm | 452 mm | 452 mm | 452 mm | 452 mm |
| N° Belts quad power | | 4 | 4 | 4 | 5 | 5 |
| CAT. | | II-III | II-III | II-III | II-III | II-III |
| RPM PTO | 540 | 2250 rpm - 53,2 m/sec | 2250 rpm - 53,2 m/sec | 2250 rpm - 53,2 m/sec | 2250 rpm - 53,2 m/sec | 2025 rpm - 47,9 m/sec |
| HP max transmission | | 100 hp | 100 hp | 100 hp | 110 hp | 110 hp |
| Utilization | | rear mounted | | | | |

TRACTOR REQUIREMENTS

| | | | | | |
|------------------------|---------|---------|---------|---------|---------|
| Minimum weight | 3000 kg | 3200 kg | 3500 kg | 3800 kg | 4000 kg |
| Minimum wheels setting | 200 cm | 220 cm | 220 cm | 220 cm | 220 cm |

| MAGNUM PLUS GS | 160 | 185 | 210 | 235 | 250 |
|----------------|-----|-----|-----|-----|-----|
|----------------|-----|-----|-----|-----|-----|

MACHINE

| | | | | | |
|--|---------------------------------|---|---|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ | ✓ | ✓ |
| Gear box position | internal gearbox on top of hood | | | | |
| Double skin in hardox | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • | • | • |
| Front chain protections | • | • | • | • | • |

TRANSMISSION

| | | | | | |
|---|---|---|---|---|---|
| Wide angle cardan shaft 8 X 2150 1"3/4 Z6+1"3/8 Z6 Tractor side | ✓ | ✓ | ✓ | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ | ✓ | ✓ |
| Double rotor support | - | - | - | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ | ✓ | ✓ |
| Gear box 130 HP | • | • | • | • | • |
| Supplement for rotor with knife | • | • | • | • | • |

SAFETY

| | | | | | |
|--|---|---|---|---|---|
| Mechanical safety and self-leveling system with double extra linkage | ✓ | ✓ | ✓ | ✓ | ✓ |
| Oleopneumatic anti-shock device | • | • | • | • | • |

HYDRAULIC SYSTEM

| | | | | | |
|--|---|---|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ | ✓ | ✓ |

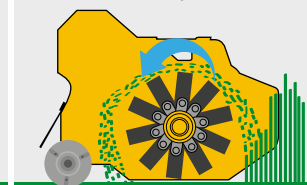
MAGNUM PLUS GS

PROFESSIONAL SERIES

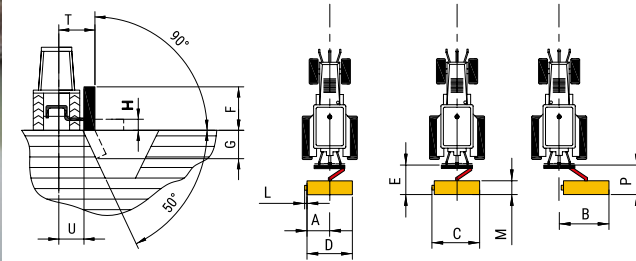
Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



Rear roller position
unloading of mulched product in front of the roller for better shredding



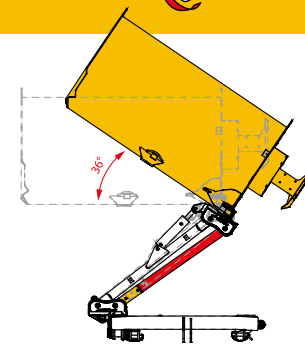
**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| MAGNUM PLUS GS OS | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 160 | 47 | 286 | 202 | 155 | 209 | 272 | 149 | 54 | 45 | 105 | 259 | 24 | 168 | 114 |
| 185 | 47 | 312 | 228 | 181 | 209 | 298 | 175 | 54 | 45 | 105 | 259 | 24 | 168 | 114 |
| 210 | 47 | 332 | 248 | 201 | 209 | 318 | 195 | 54 | 45 | 105 | 259 | 24 | 168 | 114 |
| 235 | 47 | 359 | 275 | 228 | 209 | 345 | 222 | 54 | 45 | 105 | 259 | 24 | 168 | 114 |
| 250 | 47 | 382 | 298 | 251 | 209 | 368 | 245 | 54 | 45 | 105 | 259 | 24 | 168 | 114 |

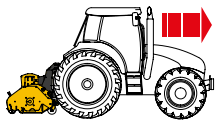


DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (optional)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed.



EXTRA REACH



MAGNUM PLUS GS OFF SET
PROFESSIONAL SERIES



80 - 200 HP

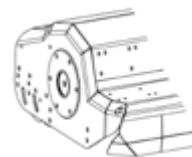
STRENGTH POINTS



DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT



ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



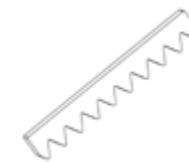
PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding





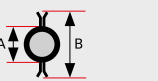
AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

| MAGNUM PLUS GS OFF SET | 160 | 185 | 210 | 235 | 250 |
|------------------------|-----|-----|-----|-----|-----|
|------------------------|-----|-----|-----|-----|-----|

TECHNICAL SPECIFICATIONS

| | | | | | | |
|----------------------------|--|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Working width | | 155 cm | 181 cm | 201 cm | 228 cm | 251 cm |
| Machine weight | | 1060 - 1110 kg | 1090 - 1140 kg | 1120 - 1170 kg | 1160 - 1210 kg | 1185 - 1235 kg |
| tools |  Knives Max Ø 3,5 cm | N° 36 | N° 48 | N° 48 | N° 60 | N° 60 |
| |  Hammers Max Ø 8 cm - Kg 2,1 | N° 12 | N° 16 | N° 16 | N° 20 | N° 20 |
| rotor Ø |  | A | 194x12.5 mm | 194x12.5 mm | 194x12.5 mm | 194x12.5 mm |
| | | B | 452 mm | 452 mm | 452 mm | 452 mm |
| N° Belts quad power | | 4 | 4 | 4 | 5 | 5 |
| CAT. | | II-III | II-III | II-III | II-III | II-III |
| RPM PTO | 540 | Rotor revolutions / peripheral tool speed | 2250 rpm - 53,2 m/sec | 2250 rpm - 53,2 m/sec | 2250 rpm - 53,2 m/sec | 2025 rpm - 47,9 m/sec |
| HP max transmission | | 90 hp | 110 hp | 110 hp | 110 hp | 110 hp |
| Utilization | | rear mounted | | | | |

TRACTOR REQUIREMENTS

| | | | | | |
|------------------------|---------|---------|---------|---------|---------|
| Minimum weight | 3000 kg | 3200 kg | 3500 kg | 3900 kg | 4100 kg |
| Minimum wheels setting | 200 cm | 220 cm | 220 cm | 220 cm | 220 cm |

| MAGNUM PLUS GS OFF SET | 160 | 185 | 210 | 235 | 250 |
|------------------------|-----|-----|-----|-----|-----|
|------------------------|-----|-----|-----|-----|-----|

MACHINE

| | | | | | |
|--|---|---------------------------------|---|---|---|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ | ✓ | ✓ |
| Gear box position | | external gearbox on end of hood | | | |
| Double skin in hardox | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cast iron pivot points | ✓ | ✓ | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ | ✓ | ✓ |
| Main pivot point in cast iron | ✓ | ✓ | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ | ✓ | ✓ |
| Catarifrangenti | ✓ | ✓ | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • | • | • |
| Front chain protections | • | • | • | • | • |

TRANSMISSION

| | | | | | |
|---|---|---|---|---|---|
| Wide angle cardan shaft 8 X 2150 1"3/4 Z6+1"3/8 Z6 Tractor side | ✓ | ✓ | ✓ | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | ✓ | ✓ | ✓ |
| Double rotor support | | | | ✓ | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ | ✓ | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ | ✓ | ✓ | ✓ |
| Gear box 130 HP | • | • | • | • | • |
| Supplemento montaggio coltelli | • | • | • | • | • |

SAFETY

| | | | | | |
|--|---|---|---|---|---|
| Mechanical safety and self-leveling system with double extra linkage | ✓ | ✓ | ✓ | ✓ | ✓ |
| Oleopneumatic anti-shock device | • | • | • | • | • |

HYDRAULIC SYSTEM

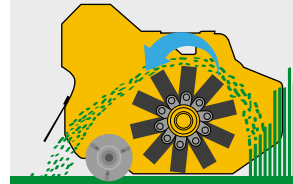
| | | | | | |
|--|---|---|---|---|---|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ | ✓ | ✓ |

✓ STANDARD EQUIPMENT | • OPTIONAL EQUIPMENT | - NOT AVAILABLE

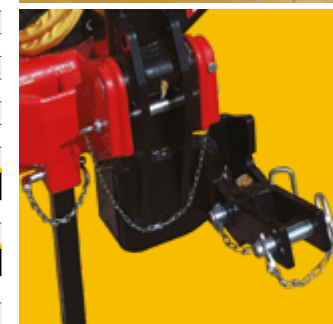
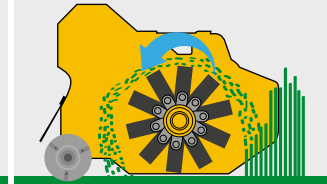
MAGNUM PLUS GS

OFF SET PROFESSIONAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed

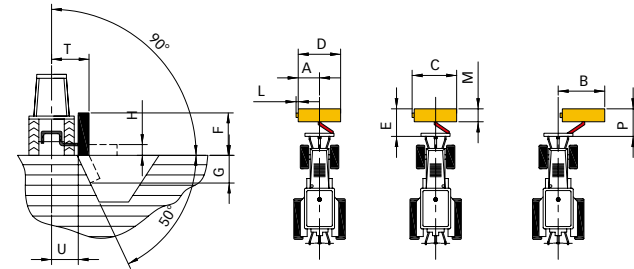


Rear roller position
unloading of mulched product in front of the roller for better shredding



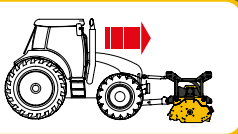


**ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS**



| MAGNUM PLUS 65-65 FRONTAL | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | T cm | U cm |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 185 | 54 | 333 | 232 | 181 | 248 | 302 | 175 | 54 | 50 | 102 | 227 | 198 | 144 |
| 235 | 54 | 333 | 279 | 228 | 248 | 349 | 222 | 54 | 50 | 102 | 227 | 198 | 144 |

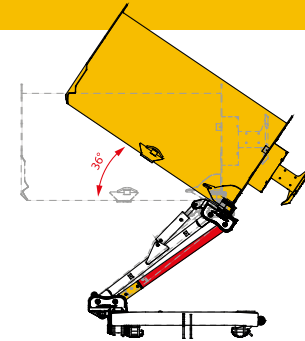
EXTRA REACH



HARDOX
IN MY BODY



DIRECTION OF ROTATION OF P.T.O.



OLEOPNEUMATIC ANTI-SHOCK DEVICE (standard equipment)

In the event of meeting an obstruction, it protects the structural parts from potential breakages and accidental damage. As the head is forced back by the obstruction, some of the oil contained in the hydraulic cylinder of the machine transfers into the nitrogen pressurized accumulator which brings the machine back to working position once the obstacle has been passed

MAGNUM PLUS OFF SET FRONTAL
PROFESSIONAL SERIES



100 - 180 HP

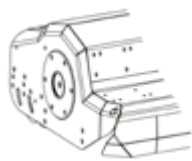
STRENGTH POINTS



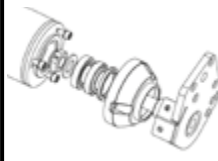
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY ON CAST IRON COMPONENT
SUI PARTICOLARI IN FUSIONE



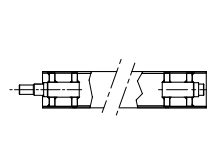
ROUNDED FRAME AND CHAMFER ON THE OUTER END OF HOOD



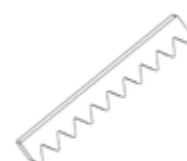
PROFESSIONAL REAR ROLLER Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear



"VENTILATOR" ROTOR electronically balanced. Forestry tool holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE Increased rows of counter knives hold the material in for more complete shredding



AUTOMATIC BELTS TENSIONER The automatic tensioning system as well as allowing constant power transmission reduces belts wear.



EXTERNAL ROTOR SUPPORT IN PRESSED STEEL The external rotor support allows the easy dismantling / replacement of the rotor and / or the bearings

| MAGNUM PLUS OFF SET FRONTAL | 185 | 235 |
|-----------------------------|-----|-----|
|-----------------------------|-----|-----|

| TECHNICAL SPECIFICATIONS | | | |
|----------------------------|----------------------------------|---|------------------------|
| Working width | 181 cm | 228 cm | |
| Machine weight | 1060 kg | 1165 kg | |
| Tools | Knives <i>Max Ø 3,5 cm</i> | N° 48 | N° 60 |
| | Hammers <i>Max Ø 8 cm Kg 2,1</i> | N° 16 | N° 20 |
| Rotor Ø | A | 194 x 12.5 mm | 194 x 12.5 mm |
| | B | 452 mm | 452 mm |
| N° Belts quad power | 4 | 5 | |
| CAT. | II | II | |
| RPM PTO | 1000 | Rotor revolutions / peripheral tool speed | 2250 rpm - 53,25 m/sec |
| HP max transmission | 160 hp | 160 hp | |
| Utilization | front mounted | | |

| TRACTOR REQUIREMENTS | | |
|------------------------|---------|---------|
| Minimum weight | 5500 kg | 6000 kg |
| Minimum wheels setting | 220 cm | 230 cm |

| MAGNUM PLUS OFF SET FRONTAL | 185 | 235 |
|-----------------------------|-----|-----|
|-----------------------------|-----|-----|

| MACCHINA | 185 | 235 |
|--|---------------------------------|---------------------------------|
| Extra side reach, up to 40 cm more off set | ✓ | ✓ |
| Gear box position | external gearbox on end of hood | external gearbox on end of hood |
| Double skin in hardox | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ |
| Double counter knife | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 roller bearings, mud scraper and interchangeable central body | ✓ | ✓ |
| Reflectors | ✓ | ✓ |
| Side skids in Hardox | • | • |
| Front chain protections | • | • |

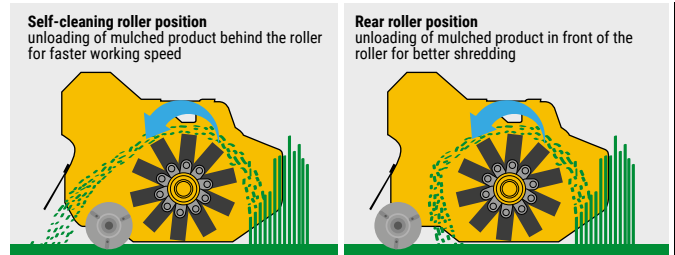
| TRANSMISSION | 185 | 235 |
|---|-----|-----|
| Wide angle cardan shaft 8 X 2150 1"3/4 Z6+1"3/8 Z6 tractor side | ✓ | ✓ |
| Tool holders - Forestry type | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ |
| Double rotor support | - | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ |
| Free-wheel in gearbox | ✓ | ✓ |
| Automatic belt tensioner | ✓ | ✓ |

| SAFETY | 185 | 235 |
|---------------------------------|-----|-----|
| Oleopneumatic anti-shock device | ✓ | ✓ |

| HYDRAULIC SYSTEM | 185 | 235 |
|--|-----|-----|
| Hydraulic side movement with adjustable ram and double acting anti-creep valve | ✓ | ✓ |
| Hydraulic angleing with safety tap for road transport | ✓ | ✓ |

MAGNUM PLUS

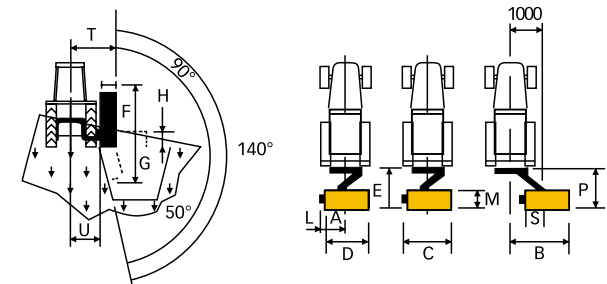
OFF SET *FRONTAL* PROFESSIONAL SERIES



ROAD EDGES, DITCHES,
RIVER EDGES, PRUNINGS



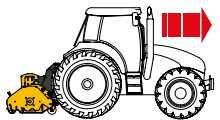
HARDOX
IN MY BODY



| PREDATOR | A cm | B cm | C cm | D cm | E cm | F cm | G cm | H cm | L cm | M cm | P cm | S cm | T cm | U cm |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 4-20 | 107 | 402 | 218 | 200 | 196 | 240 | 160 | 55 | 18 | 104 | 196 | - | 270 | 215 |
| 4.5-2.5 | 107 | 482 | 268 | 250 | 196 | 290 | 195 | 55 | 18 | 104 | 196 | - | 270 | 215 |
| 5-30 | 107 | 502 | 318 | 300 | 196 | 340 | 233 | 55 | 18 | 104 | 196 | - | 270 | 215 |



DIRECTION OF ROTATION OF P.T.O.



**EXTRA
REACH**



PREDATOR

PROFESSIONAL SERIES



100 - 180 HP



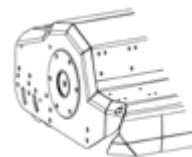
STRENGTH POINTS



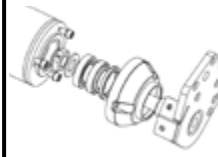
DOUBLE SKIN IN HARDOX



3 YEARS WARRANTY
ON CAST IRON COMPONENT



ROUNDED FRAME AND
CHAMFER ON THE OUTER END
OF HOOD



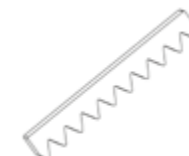
PROFESSIONAL REAR ROLLER
Ø 195 mm with 4 taper roller bearings,
mud scraper and central interchangeable
body, with 2 positions: 1) self-cleaning
2) rear



"VENTILATOR" ROTOR
electronically balanced. Forestry tool
holders moulded in boron steel.



DOUBLE ROTOR SUPPORT



DOUBLE COUNTER KNIFE
Increased rows of counter knives hold the
material in for more complete shredding



AUTOMATIC BELTS TENSIONER
The automatic tensioning system as well
as allowing constant power transmission
reduces belts wear.



EXTERNAL ROTOR SUPPORT
IN PRESSED STEEL
The external rotor support allows the easy
dismantling / replacement of the rotor and
/ or the bearings

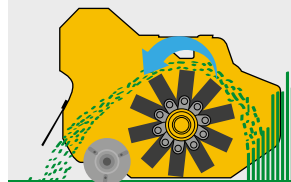
| PREDATOR | | 4-20 | 4.5-25 | 5-30 |
|---------------------------------|--|------------------------|------------------------|------------------------|
| TECHNICAL SPECIFICATIONS | | | | |
| Working width | | 200 cm | 250 cm | 300 cm |
| Machine weight | | 2150 kg | 2350 kg | 2550 kg |
| Tools | Knives Max Ø 3,5 cm | N° 48 | N° 60 | N° 96 |
| | Hammers Max Ø 8 cm Kg 2,1 | N° 16 | N° 20 | N° 32 |
| Rotor Ø | A | 194x10 mm | 194x10 mm | 219x10 mm |
| | B | 454 mm | 454 mm | 480 mm |
| N° Belts Kevlar | | 1 | 1 | 1 |
| CAT. | | II-III | II-III | II-III |
| RPM PTO | 1000 Rotor revolutions / peripheral tool speed | 2050 rpm - 48,71 m/sec | 2050 rpm - 48,71 m/sec | 1800 rpm - 45,24 m/sec |
| HP max transmission | | 290 hp | 290 hp | 290 hp |
| Utilization | | rear mounted | | |
| TRACTOR REQUIREMENTS | | | | |
| Minimum weight | | 2500 kg | 3000 kg | 4200 kg |
| Minimum wheels setting | | 200 cm | 200 cm | 220 cm |

| PREDATOR | 4-20 | 4.5-25 | 5-30 |
|--|---------------------------------|---------------------------------|---------------------------------|
| MACHINE | | | |
| Extra side reach, up to 40 cm more off set | ✓ | ✓ | ✓ |
| Gear box position | internal gearbox on top of hood | internal gearbox on top of hood | internal gearbox on top of hood |
| Monocoque skin in Hardox (th. 6 mm) | ✓ | ✓ | ✓ |
| Rounded frame with outer side beveled | ✓ | ✓ | ✓ |
| Double counter knife | ✓ | ✓ | ✓ |
| Front safety flaps th. 6 mm | ✓ | ✓ | ✓ |
| Stabilizer roller Ø 245 mm, hydraulic adjustable, with 4 taper roller bearings, mud scraper and central interchangeable body | ✓ | ✓ | ✓ |
| Professional rear roller Ø 195 mm with 4 taper roller bearings, mud scraper and central interchangeable body, with 2 positions: 1) self-cleaning 2) rear | ✓ | ✓ | ✓ |
| Throwing adjustment of the shredded material | ✓ | ✓ | ✓ |
| Reflectors | ✓ | ✓ | ✓ |
| Side skids in Hardox | • | • | • |
| Front chain protections | • | • | • |
| TRANSMISSION | | | |
| Tool holders - Forestry type | ✓ | ✓ | ✓ |
| Ventilator rotor | ✓ | ✓ | - |
| 8-row rotor | - | - | ✓ |
| Tool screw in steel Ø 20 mm 12.9 | ✓ | ✓ | ✓ |
| Oscillating bearings with double column of balls | ✓ | ✓ | ✓ |
| Rotor transmission with Kevlar toothed belt | ✓ | ✓ | ✓ |
| Rotor transmission with 150 HP Rexroth piston pump and cast iron gearbox | ✓ | ✓ | ✓ |
| Fix mounted frame RAPID LINK | • | • | • |
| Cardan hexalobe 9 X 1200 1"3/8 Z6+1"3/8 Z6 | • | • | • |
| HYDRAULIC SYSTEM | | | |
| Hydraulic side movement with double extension | ✓ | ✓ | ✓ |
| Hydraulic angling with safety tap for road transport | ✓ | ✓ | ✓ |
| Boom movements: by means of quick hydraulic couplings to the tractor (minimum flow required 40 lt / min; minimum 4 hydraulics couplings | ✓ | ✓ | ✓ |
| Electro-proportional with 4 compensated movements adjustable by the operator with graphic display FAST-TRONIC | • | • | • |

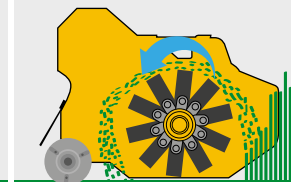
PREDATOR

PROFESSIONAL SERIES

Self-cleaning roller position
unloading of mulched product behind the roller for faster working speed



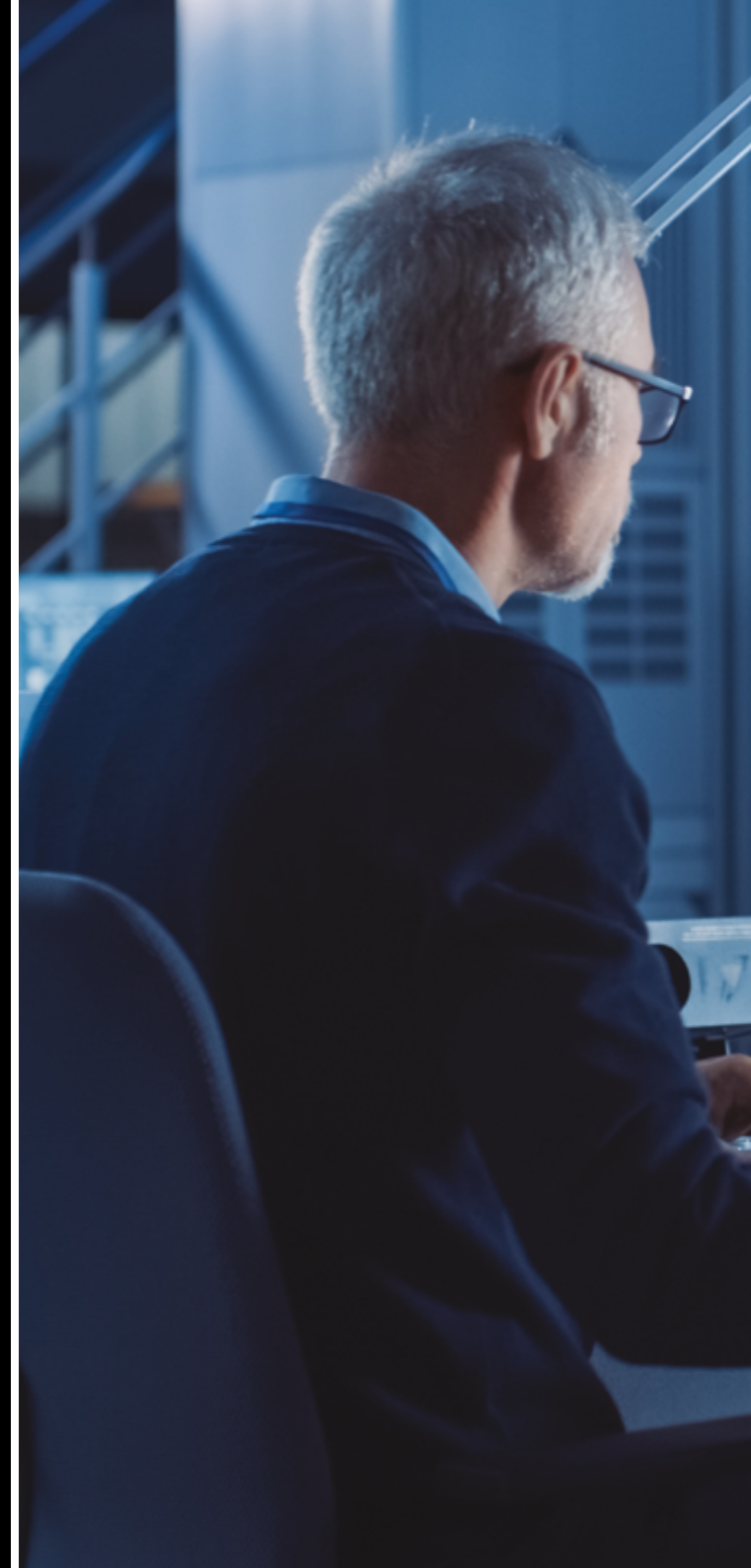
Rear roller position
unloading of mulched product in front of the roller for better shredding



WHY ORSI?

ORSI offers a wide range of products, technical support, and with a dealer structure located all over the world, highly specialized and technically trained at the Factory. Choosing an ORSI machine means buying a Made in Italy quality product supported by qualified after-sales service. When you need spare parts or technical support, ORSI will always be by your side supporting you throughout the life of your machine. A professional farmer always tries to get one of our products, because choosing the best means choosing ORSI.

- Over 40 years of history, made up of experience in shredding and rewarded with recognized success by end users and professionals around the world.
- The ability to customize machines in order to satisfy individual needs and peculiarities from the different territories.
- A team of professionals at your service with technical support available to our dealers to quickly solve any problems.
- Custom tests for each machine before being delivered to the customer.
- A stock of original spare parts always available at dealers place, or at our warehouse in Italy that can be delivered with the best domestic or international couriers.
- The ability to consult all products online thanks to the website always updated with all the information necessary for the prospective purchaser or for if you need after-sales support.





FORESTRY MULCHER

A wide range of forestry mulchers suitable for many uses such as shredding large wood, twigs, shrubs, and particularly suitable also for agricultural use, for example for mulching prunings in orchards. A wide range for tractors from 70 up to 300 hp, with different types of rotor, with fixed or retractable teeth enabling them to handle different processing needs.



FLAIL MULCHERS

ORSI, with a range of Mulchers suitable for the all the different types of work, from dedicated gardening machines to professional machines intended for work after pruning.

Suitable for tractors from 20 up to 170 hp, with different types of rotors, and accessories to satisfy all the different processing needs.

FOR INFORMATION ON ORSI MODELS VISIT OUR WEBSITE WWW.ORSIGROUP.IT

HEDGE CUTTERS

ORSI world leader recognized for its great experience in this area offers a wide range necessary for different types of work, a range especially dedicated to agriculture and a professional range for contractors or specialized road side maintenance where machines with high hourly performance and reliability are demanded.



FORK LIFT

Since 2002, Orsi has been producing its own Fork Lifts for loading and transporting the harvest of all types of fruit. Machines with vertical lifts in duplex or triplex versions and with different load capacities depending on the requirements, models for all types of tractor, from small to high Hp.



« The first Orsi Mulcher was purchased by my family about 25 years ago. The main quality we were looking for was reliability and performance of the machines in very difficult field conditions. The ORSI machines we have had are as reliable as possible, and have always done the work in the fields very well and importantly, we are extremely happy with the service. »

Azienda Agricola Boselli
Daniele e Filippo (BOLOGNA) Italia



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